

Tutorial: Understanding Your Custom CSS

1 `home_layout-container`

```
css
CopyEdit
.home_layout-container {
  max-width: 1000px;
  margin: 0 auto;
  box-sizing: border-box;
  font-family: sans-serif;
  width: 100%;
  overflow: hidden;
}
```

✔ What it does:

- `max-width: 1000px` → limits the layout width (even on large screens).
 - `margin: 0 auto` → horizontally centers the container in the viewport.
 - `box-sizing: border-box` → includes padding + borders inside the element's width, avoiding accidental overflow.
 - `font-family: sans-serif` → sets a clean base font.
 - `width: 100%` → makes it fill its parent (within the max width).
 - `overflow: hidden` → clips anything spilling outside (like rogue floats or oversized content).
-

2 `home_main` (Flexbox container)

```
css
CopyEdit
.home_main {
  display: flex;
  flex-wrap: wrap;
  gap: 0;
  margin: 0;
  width: 100%;
  box-sizing: border-box;
}
```

✔ What it does:

- `display: flex` → activates Flexbox layout, making children (`.home_left` and `.home_right`) line up side by side.
- `flex-wrap: wrap` → lets the columns wrap to the next line if the space is too small (useful on mobile).
- `gap: 0` → sets no space between the flex items (we removed gaps for tight layout).

- `width: 100%` → ensures the flex container spans its parent's width.
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3 `home_left` and `home_right` (Flex children)

```
css
CopyEdit
.home_left {
  flex: 7;
  min-width: 0;
  padding: 0;
  box-sizing: border-box;
  overflow: hidden;
}

.home_right {
  flex: 3;
  min-width: 0;
  padding: 0;
  box-sizing: border-box;
  overflow: hidden;
}
```

✓ What they do:

- `flex: 7 / flex: 3` → gives proportional widths (70% / 30%).
 - `min-width: 0` → allows the columns to shrink below their content width if needed.
 - `padding: 0` → no inner space (we removed it for a tighter fit).
 - `overflow: hidden` → clips overflowing content (e.g., big images).
-

4 Images inside links

```
css
CopyEdit
.home_left a img, .home_right a img {
  max-width: 100%;
  height: auto;
  display: inline-block;
  margin: 0;
  padding: 0;
  border: 0;
}
```

✓ What it does:

- `max-width: 100%` → ensures the image never exceeds its container.
- `height: auto` → keeps correct aspect ratio.
- `display: inline-block` → lets the image behave like an inline object but still honor box styling.

- margin, padding, border → all zero for clean, tight layout.
-

5 List tightening

```
css
CopyEdit
.home_right ul,
.home_right ol {
    margin: 0;
    padding: 0;
}

.home_right li {
    margin: 0;
    padding: 2px 0;
    list-style: none;
}
```

✓ What it does:

- Removes the default list padding/margin that browsers add.
 - Controls the **vertical spacing** between list items using padding.
 - Removes bullets (`list-style: none`) if you want a clean, unbulleted list.
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6 Responsive stacking

```
css
CopyEdit
@media (max-width: 768px) {
    .home_left, .home_right {
        flex: 0 0 100%;
    }
}
```

✓ What it does:

- When the screen is narrower than 768px, both columns take **100% width** (stack vertically).
 - This makes the layout **mobile-friendly** without side-scrolling.
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7 Prevent horizontal scrolling

```
css
CopyEdit
body {
    overflow-x: hidden;
}
```

✓ What it does:

- Stops the entire page from horizontally scrolling if something (like a too-wide image or long word) accidentally overflows.
-

? Why it all works together

This combination creates a flexible, responsive layout where:

- ✓ You control the main content and sidebar width.
 - ✓ Images don't break the layout.
 - ✓ Lists and links stay clean and tidy.
 - ✓ The site adapts gracefully to different screen sizes.
-

If you want, I can **bundle all this into a commented, ready-to-use `home.css`** file and send it over! Would you like me to package that up for you? Just let me know!

4o

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