

In **HTML** and **CSS**, as well as in programming more broadly, there are several naming conventions.

1. Camel Case (`camelCase`)

- **Definition:** The first word is in lowercase, and subsequent words are capitalized. No spaces or underscores.
- **Common Use:**
 - JavaScript variables/functions
 - Inline styles in HTML
- **Example:**
- **Inline Style in HTML:**

```
html
Copy code
<div style="backgroundColor: blue;"></div>
```

2. Pascal Case (`PascalCase`)

- **Definition:** Similar to camelCase but the first letter of every word is capitalized.
- **Common Use:**
 - Class names in JavaScript
 - Components in React or other frameworks

3. Kebab Case (`kebab-case`)

- **Definition:** All lowercase words separated by hyphens (-).
- **Common Use:**
 - HTML class and id names
 - CSS selectors
- **Example:**

```
html
Copy code
<div id="main-header" class="blog-post"></div>
css
Copy code
.main-header {
  font-size: 16px;
}
```

4. Snake Case (`snake_case`)

- **Definition:** All lowercase words separated by underscores (_).
- **Common Use:**
 - Variable names in some programming languages (e.g., Python)

5. Upper Snake Case (`UPPER_SNAKE_CASE`)

- **Definition:** All uppercase words separated by underscores (`_`).
- **Common Use:**
 - Constants
- **Example:**

```
python
Copy code
MAX_LIMIT = 100
API_KEY = "12345678"
```

6. Train Case (`Train-Case`)

- **Definition:** Similar to PascalCase but uses hyphens instead of spaces or underscores.
- **Common Use:**
 - Rarely used in CSS or HTML
 - Sometimes for URLs or filenames
- **Example:**

```
html
Copy code
<div class="Train-Case"></div>
```

7. Dot Notation (`dot.notation`)

- **Definition:** Words are separated by dots.
- **Common Use:**
 - Namespacing in some programming languages
 - Configuration files
- **Example:**

```
javascript
Copy code
user.profile.name = "John";
```

Summary Table of Use Cases

Convention	Common Use	Example
<code>camelCase</code>	JS variables, inline styles	<code>let userName;</code>
<code>PascalCase</code>	JS classes, React components	<code>class UserProfile {}</code>
<code>kebab-case</code>	HTML classes/ids, CSS	<code><div class="main-header"></code>

Convention	Common Use	Example
snake_case	Python variables	<code>user_profile = "John"</code>
UPPER_SNAKE_CASE	Constants	<code>MAX_LIMIT = 100</code>
Train-Case	Rare	<code><div class="Train-Case"></code>
dot.notation	Namespaces	<code>config.db.name = "testdb"</code>