



Current Color

#eded84

Default



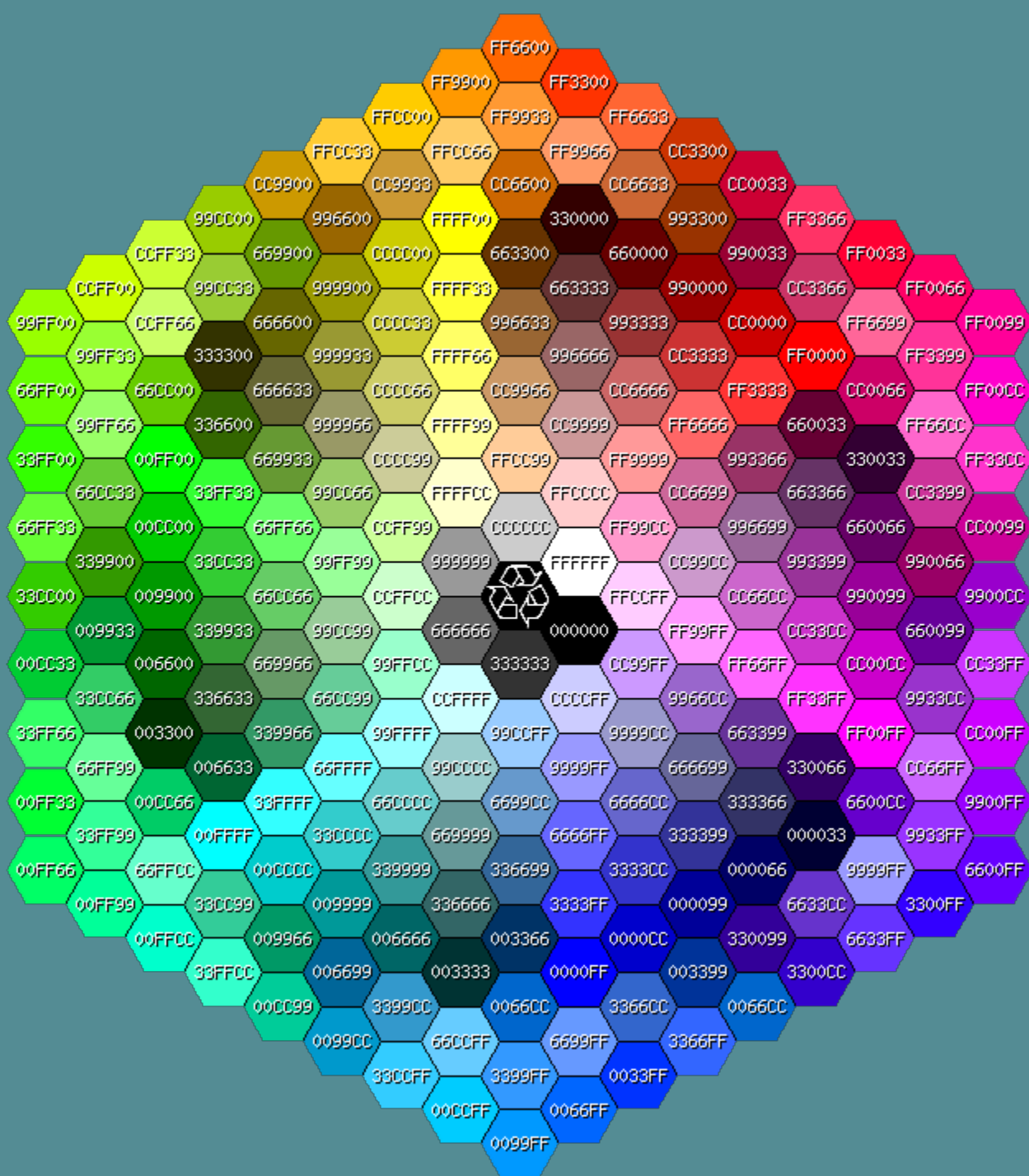
# The Pattern

#

AB

12

34



# From Pattern to Regular Expression

/#[A-Z0-9]/

# From Pattern to Regular Expression

`/#[A-Z0-9]/`

# From Pattern to Regular Expression

`/#[A-Z0-9]+/`

# From Pattern to Regular Expression

`/#[A-Z0-9]+/`

# From Pattern to Regular Expression

`/#[A-F0-9]+/`



# From Pattern to Regular Expression

`/#[A-F0-9]+/`

# From Pattern to Regular Expression

`/#?[A-F0-9]+/`

# From Pattern to Regular Expression

`/#?[A-F0-9]+/`

# From Pattern to Regular Expression

`/#?[A-F0-9]{6}/`

# From Pattern to Regular Expression


`/#?[A-F0-9]{6}/`

# From Pattern to Regular Expression

`/#?[A-F0-9]{6}|[A-F0-9]{3}/`

# From Pattern to Regular Expression

`/#?[A-F0-9]{6}|[A-F0-9]{3}/`



The diagram illustrates the structure of the regular expression `/#?[A-F0-9]{6}|[A-F0-9]{3}/`. It features two orange brackets positioned below the character classes `[A-F0-9]{6}` and `[A-F0-9]{3}`. The first bracket spans the entire first alternative `#?[A-F0-9]{6}`, while the second bracket spans the second alternative `[A-F0-9]{3}`. These brackets highlight the two distinct patterns separated by the vertical bar `|`, which represents an OR operation in regular expressions.

# From Pattern to Regular Expression

`/#?([A-F0-9]{6}|[A-F0-9]{3})/`

The diagram illustrates the components of the regular expression `/#?([A-F0-9]{6}|[A-F0-9]{3})/`. It features two orange curly braces positioned below the character classes. The first brace is under `[A-F0-9]{6}` and the second is under `[A-F0-9]{3}`, both spanning the width of their respective character classes. Additionally, the opening and closing parentheses of the group are colored orange, while the hash symbol, question mark, and slashes are in a dark grey color.



# From Pattern to Regular Expression

`/#?([A-F0-9]{6}|[A-F0-9]{3})/`

# From Pattern to Regular Expression

`/#?([A-Fa-f0-9]{6}|[A-Fa-f0-9]{3})/`

# From Pattern to Regular Expression

`/#?([A-Fa-f0-9]{6}|[A-Fa-f0-9]{3})/`

# From Pattern to Regular Expression

`/#?([A-F0-9]{6}|[A-F0-9]{3})/i`

# From Pattern to Regular Expression

`/#?([A-F0-9]{6}|[A-F0-9]{3})/i`

# From Pattern to Regular Expression

`/^#?([A-F0-9]{6}|[A-F0-9]{3})/i`

# From Pattern to Regular Expression

`/^#?([A-F0-9]{6}|[A-F0-9]{3})$/i`

# From Pattern to Regular Expression

`/^#?([A-F0-9]{6}|[A-F0-9]{3})$/i`



# From Pattern to Regular Expression

```
/^[\t\f\n\r]*#?([A-F0-9]{6}|  
[A-F0-9]{3})[\t\f\n\r]*$/i
```

# From Pattern to Regular Expression

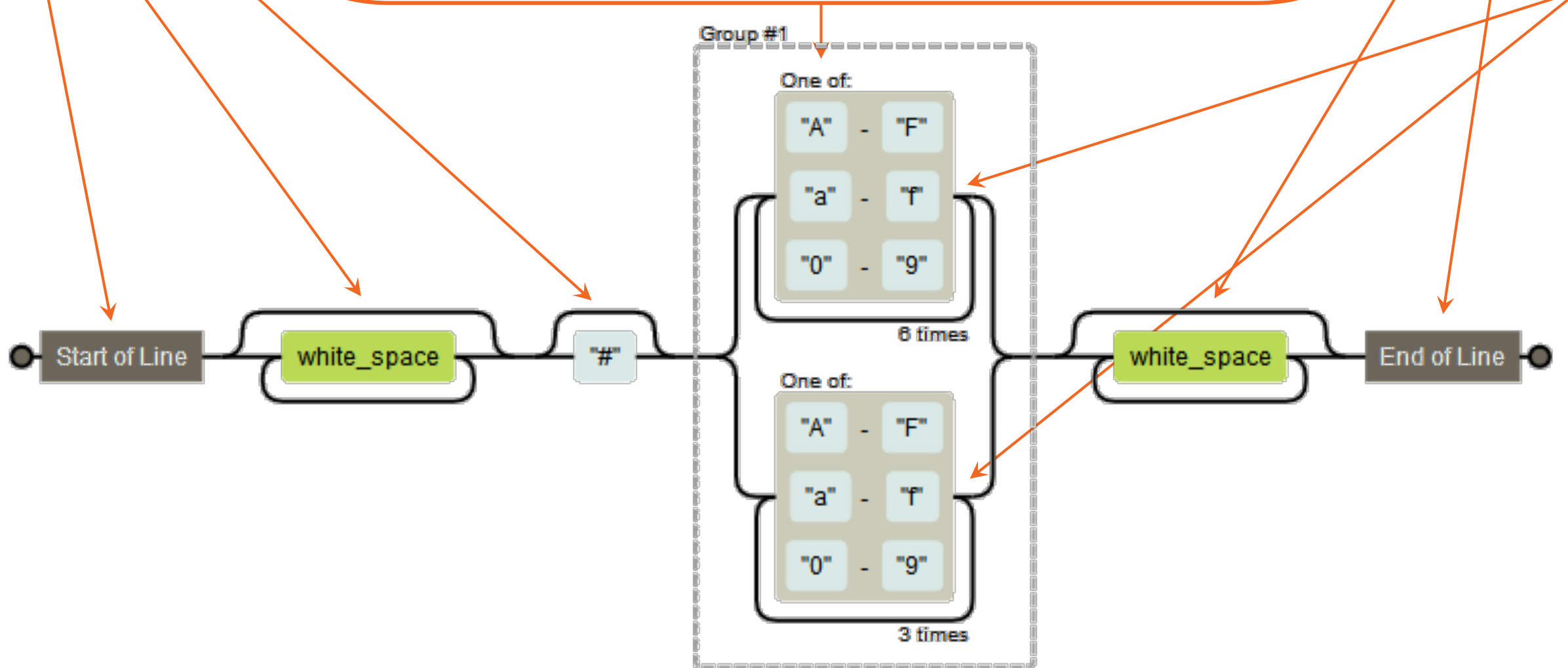
```
/^\\s*#?([A-F0-9]{6}|  
[A-F0-9]{3})\\s*$/i
```

# Visualization of the Pattern

`/^\s*#?([A-F0-9]{6}|[A-F0-9]{3})\s*$ /i`

# Visualization of the Pattern

`/^\\s*#?([A-F0-9]{6}|[A-F0-9]{3})\\s*$|i`



# Basic Syntax Summary



? \* + {#}

Quantifiers

[...]

Character ranges

\s

Shorthand character codes

( ... | ... )

Grouping and alternation

^ ... \$

Anchors

i

Modifiers