

# Converting Colors

Hex(5EF7D4)

Have a look what the booklet for  
Hex(5EF7D4) contains.

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# Color

Hex(5EF7D4)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EF7D4
RGB	94, 247, 212
RGB Percent	37%, 97%, 83%
CMY	0.6314, 0.0314, 0.1686
CMYK	0.62, 0.00, 0.14, 0.03
HSL	166°, 91%, 67%
HSV	166°, 62%, 97%
XYZ	49.7605, 73.6547, 73.8815
YIQ	197.2630, -79.9530, -43.3210

# Conversions

## Conversions Part 2

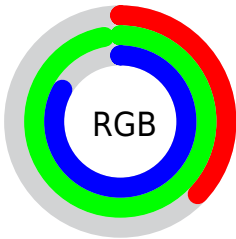
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 180, 247
Decimal	6223828
CIELab	88.76, -48.57, 4.87
CIELCh	89, 48.809, 174.272
Yxy	73.6547, 0.2522, 0.3733
Android (android.graphics.Color)	4284413908 (0xFF5EF7D4)
YUV	197.2630, 7.2653, -90.5617
Hunter-Lab	85.8223, -46.6932, 9.0349

# Details

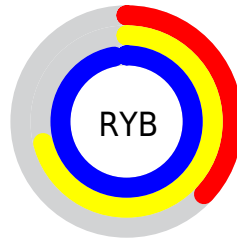
The Hex color **5EF7D4** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F75E81**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **9EFFFF**, and **00BE9D** is the 20% darker color. If you saturate the color by 10%, you get **45F7CE**, and if you desaturate by 10%, it is **77F7DA**.

# Distribution



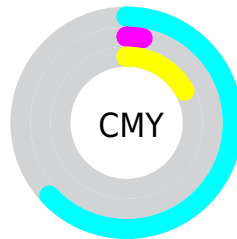
- Red (37%)
- Green (97%)
- Blue (83%)



- Red (37%)
- Yellow (71%)
- Blue (97%)



- Cyan (62%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)



- Cyan (63%)
- Magenta (3%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EF7D4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5EF7D4 by changing the saturation by 10% instead.



 5EF7D4

 5EF7D4

FFFFFF

 39DAB8

 9EFFFF

 00BE9D

 BDFFFF

 00A283

 DCFFFF


 00876A

 FAFFFF

 006D52

 00543B

 003B26

 002511

 000000

 5EF7D4

 5EF7D4

 45F7CE

 77F7DA

 2DF7C9

 8FF7DF

 14F7C3

 A8F7E5

 00F7BE

 C1F7EB

 DAF7F0

 F2F7F6

 FFF7FC

 FFF7FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0F2A7



5EF7D4



00F7FF

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5EF7D4



D7D6FF



FFC995

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5EF7D4



F75E81

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBCBB



5EF7D4



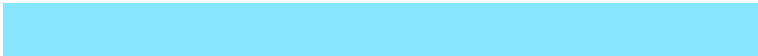
FFC5FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5EF7D4



88E6FF



FFBBEA



FFD981

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5EF7D4



00F4FF



FFBBEA



FFC4A0

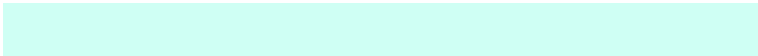


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5EF7D4



CFFF4



82F75E



628079



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5EF7D4



42FFD4



5ECE F7



6E7A78



00BA90



003B2D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F75E81



FF426D



F7875E



7A6E71



BA002B

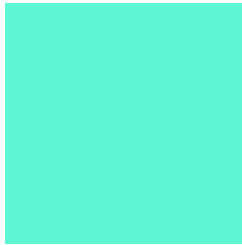


3B000D



# Previews

## White Background



This preview shows how the Hex color 5EF7D4 looks on a white background.

## Color Contrast Check

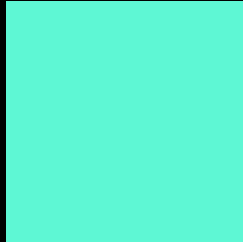
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5EF7D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

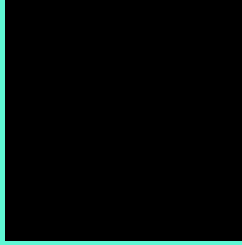
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EF7D4 Background



This preview shows how black text looks on a background with the Hex color 5EF7D4.

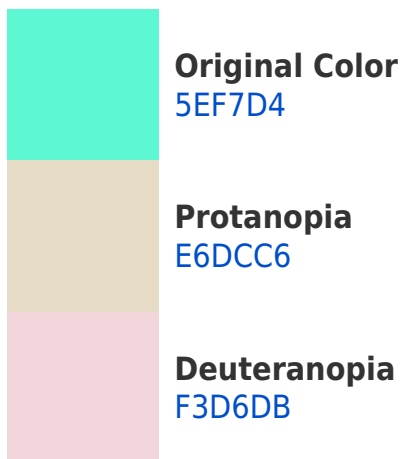


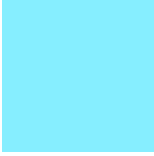
This preview shows how white text looks on a background with the Hex color 5EF7D4.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
86EEFF

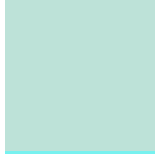
# Trichromacy



**Original Color**  
5EF7D4



**Protanomaly**  
B5E6CB



**Deuteranomaly**  
BDE2D8

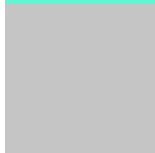


**Tritanomaly**  
77F1EF

# Monochromacy



**Original Color**  
5EF7D4



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A0D7CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EF7D4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5EF7D4 looks like.

```
.text, #text, p{  
    color:#5EF7D4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5EF7D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF7D4
}
```

## Border

The CSS property to change the border of an element to Hex 5EF7D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5EF7D4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5EF7D4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5EF7D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF7D4; -webkit-box-shadow:4px 4px  
4px 4px #5EF7D4; box-shadow:4px 4px 4px  
4px #5EF7D4 }
```

# Background

The CSS property to change the background color of an element to Hex 5EF7D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF7D4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5EF7D4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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