

Converting Colors

Hex(5EF6F5)

Have a look what the booklet for
Hex(5EF6F5) contains.

Hex(5EF6F5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5EF6F5)

Conversions

Conversions Part 1

Format	Color
Hex	5EF6F5
RGB	94, 246, 245
RGB Percent	37%, 96%, 96%
CMY	0.6314, 0.0353, 0.0392
CMYK	0.62, 0.00, 0.00, 0.04
HSL	180°, 89%, 67%
HSV	180°, 62%, 96%
XYZ	54.0533, 74.8838, 97.9913
YIQ	200.4380, -90.2710, -32.5350

Conversions

Conversions Part 2

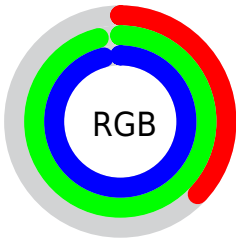
Format	Color
R _Y B	94, 170, 246
Decimal	6223605
CIE Lab	89.34, -39.79, -11.48
CIE LCh	89, 41.416, 196.089
Yxy	74.8838, 0.2382, 0.3300
Android (android.graphics.Color)	4284413685 (0xFF5EF6F5)
YUV	200.4380, 21.9691, -93.3461
Hunter-Lab	86.5354, -39.9391, -6.5642

Details

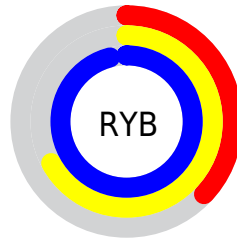
The Hex color **5EF6F5** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F65E5F**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A0FFFF**, and **00BDBD** is the 20% darker color. If you saturate the color by 10%, you get **45F6F5**, and if you desaturate by 10%, it is **77F6F5**.

Distribution



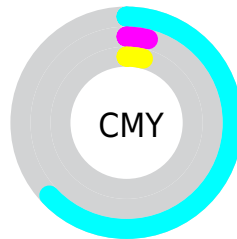
- Red (37%)
- Green (96%)
- Blue (96%)



- Red (37%)
- Yellow (67%)
- Blue (96%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (63%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EF6F5 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 5EF6F5 by changing the saturation by 10% instead.

 5EF6F5

 5EF6F5

FFFFFF

 36D9D9

 A0FFFF

 00BDBD

 BFFFFFF

 00A2A2

 DEFFFF

 008788

FDFFFF

 006D6E

 005456

 003C3F

 002729

 000115

 5EF6F5

 5EF6F5

 45F6F5

 77F6F5

 2DF6F5

 8FF6F5

 14F6F5

 A8F6F5

 00F6F4

 C0F6F6

 D9F6F6

 F2F6F6

 FFF6F6

Harmonies

Analogous

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



89F5CC



5EF6F5



5AF2FF

Triad

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



5EF6F5



FFCFFF



FFD894

Complementary

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



5EF6F5



F65E5F

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.



FFCBA9



5EF6F5



FFC4F5

Square

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



5EF6F5



CBDDFF



FFC3CC



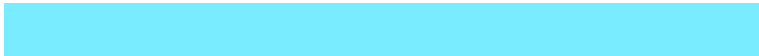
E6E594

Rectangle

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



5EF6F5



79EDFF



FFC3CC



FFD399

Sweetspot

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



5EF6F5



CFFFFFF



61F65E



62807F



000000



808080

Same Dimension

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



5EF6F5



42FFFE



5EADF6



6E7A7A



00BAB9



003B3A

Inverse Universe

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



F65E5F



FF4244



F6A75E



7A6E6E



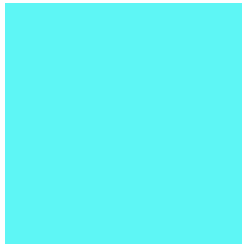
BA0001



3B0000

Previews

White Background



This preview shows how the Hex color 5EF6F5 looks on a white background.

Color Contrast Check

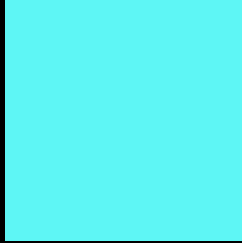
Large Text (above 18pt) WCAG AA × Fail

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 5EF6F5 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 5EF6F5 Background



This preview shows how black text looks on a background with the Hex color 5EF6F5.

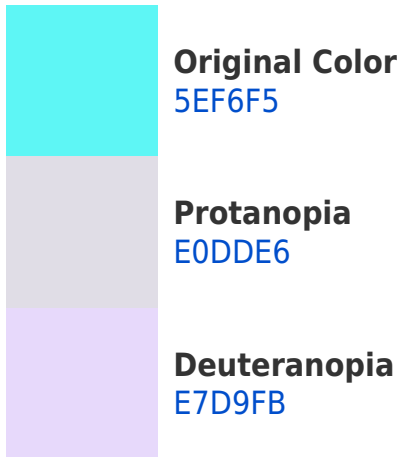


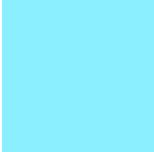
This preview shows how white text looks on a background with the Hex color 5EF6F5.

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
8BEFFF

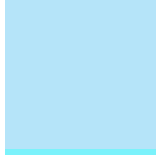
Trichromacy



Original Color
5EF6F5



Protanomaly
B1E6EB



Deuteranomaly
B5E4F9

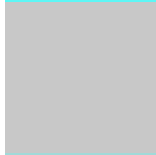


Tritanomaly
7BF2FB

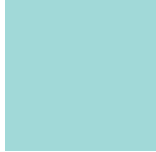
Monochromacy



Original Color
5EF6F5



Achromatopsia
C8C8C8



Achromatomaly
A1D9D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EF6F5 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 #5EF6F5 looks like.

```
.text, #text, p{  
    color:#5EF6F5  
}
```

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 #5EF6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF6F5  
}
```

Border

The CSS property to change the border of an element to Hex 5EF6F5 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  
#5EF6F5 }
```

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

```
.border{ border-color:#5EF6F5 }
```

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

Here you see how a box with a 4 pixel #5EF6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF6F5; -webkit-box-shadow:4px 4px  
4px 4px #5EF6F5; box-shadow:4px 4px 4px  
4px #5EF6F5 }
```

Background

The CSS property to change the background color of an element to Hex 5EF6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF6F5 }
```

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

```
.background{ background-color:#5EF6F5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor