

Converting Colors

Hex(6CF3E8)

Have a look what the booklet for
Hex(6CF3E8) contains.

Hex(6CF3E8)	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(6CF3E8)

Conversions

Conversions Part 1

Format	Color
Hex	6CF3E8
RGB	108, 243, 232
RGB Percent	42%, 95%, 91%
CMY	0.5765, 0.0471, 0.0902
CMYK	0.56, 0.00, 0.05, 0.05
HSL	175°, 85%, 69%
HSV	175°, 56%, 95%
XYZ	52.8004, 73.1155, 87.6738
YIQ	201.3810, -76.9290, -32.0410

Conversions

Conversions Part 2

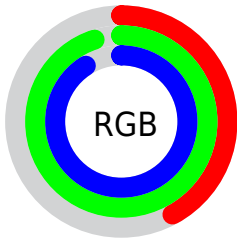
Format	Color
RYB	108, 178, 243
Decimal	7140328
CIELab	88.50, -39.42, -5.89
CIElCh	89, 39.854, 188.497
Yxy	73.1155, 0.2472, 0.3423
Android (android.graphics.Color)	4285330408 (0xFF6CF3E8)
YUV	201.3810, 15.0952, -81.8951
Hunter-Lab	85.5076, -39.4157, -0.9367

Details

The Hex color **6CF3E8** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F36C77**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **AAFFFF**, and **1FBAB0** is the 20% darker color. If you saturate the color by 10%, you get **54F3E6**, and if you desaturate by 10%, it is **84F3EA**.

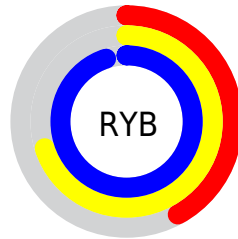
Distribution



Red (42%)

Green (95%)

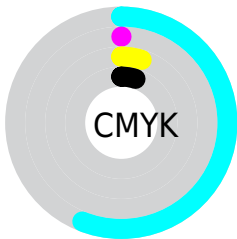
Blue (91%)



Red (42%)

Yellow (70%)

Blue (95%)

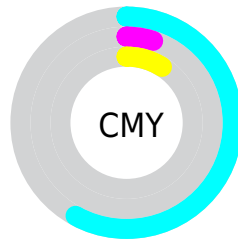


Cyan (56%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (58%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CF3E8 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 6CF3E8 by changing the saturation by 10% instead.

 6CF3E8

 6CF3E8

FFFFFF

 4BD6CC

 AAFFFF

 1FBAB0

 C8FFFF

 009F96

 E7FFFF

 00847C

 006A63

 00514B

 003935

 002520

 000008

 6CF3E8

 6CF3E8

 54F3E6

 84F3EA

 3BF3E4

 9DF3EC

 23F3E2

 B5F3EE

 0BF3E0

 CDF3F0

 00F3DF

 E5F3F2

 FEF3F4

 FFF3F6

 FFF3F8

 FFF3FA

Harmonies

Analogous

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



97F1C1



6CF3E8



5CF1FF

Triad

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



6CF3E8



F1D0FF



FFD298

Complementary

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



6CF3E8



F36C77

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.



FFC7B1



6CF3E8



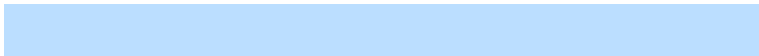
FFC5FB

Square

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



6CF3E8



BBDEFF



FFC1D5



EEDF92

Rectangle

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



6CF3E8



70ECFF



FFC1D5



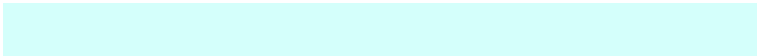
FFCE9F

Sweetspot

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



6CF3E8



D4FFFB



77F36C



66807D



000000



808080

Same Dimension

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



6CF3E8



54FFF1



6CBBF3



6E7A79



00BAAB



003B36

Inverse Universe

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



F36C77



FF5462



F3A46C



7A6E6F



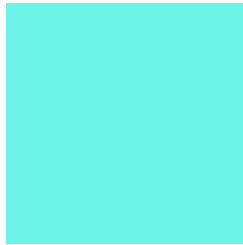
BA000F



3B0005

Previews

White Background



This preview shows how the Hex color 6CF3E8 looks on a white background.

Color Contrast Check

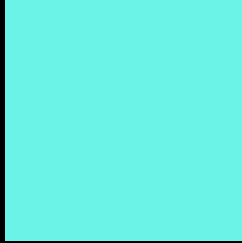
Large Text (above 18pt) WCAG AA × Fail

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 6CF3E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

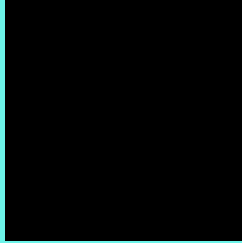
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

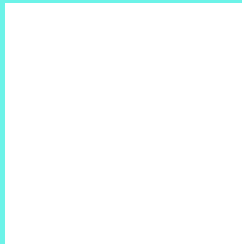
Any Text WCAG AAA ✓ Pass

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

Hex 6CF3E8 Background



This preview shows how black text looks on a background with the Hex color 6CF3E8.

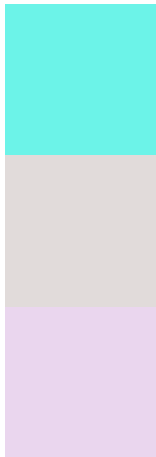


This preview shows how white text looks on a background with the Hex color 6CF3E8.

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](#).

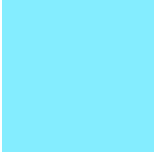
Dichromacy



Original Color
6CF3E8

Protanopia
E1DBDA

Deuteranopia
EAD6EE

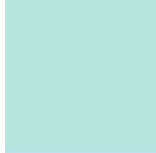


Tritanopia
84EDFF

Trichromacy



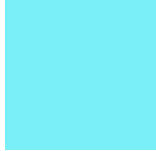
Original Color
6CF3E8



Protanomaly
B6E4DF

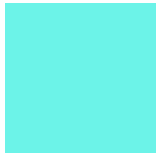


Deuteranomaly
BCE1EC

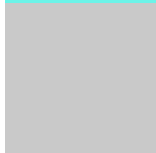


Tritanomaly
7BEFF7

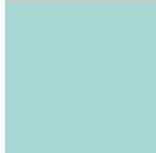
Monochromacy



Original Color
6CF3E8



Achromatopsia
C9C9C9



Achromatomaly
A7D8D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CF3E8 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 #6CF3E8 looks like.

```
.text, #text, p{  
    color:#6CF3E8  
}
```

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 #6CF3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF3E8  
}
```

Border

The CSS property to change the border of an element to Hex 6CF3E8 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  
#6CF3E8 }
```

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

```
.border{ border-color:#6CF3E8 }
```

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

Here you see how a box with a 4 pixel #6CF3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF3E8; -webkit-box-shadow:4px 4px  
4px 4px #6CF3E8; box-shadow:4px 4px 4px  
4px #6CF3E8 }
```

Background

The CSS property to change the background color of an element to Hex 6CF3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF3E8 }
```

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

```
.background{ background-color:#6CF3E8 }
```

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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