

Converting Colors

Hex(65FCF2)

Have a look what the booklet for
Hex(65FCF2) contains.

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Color

Hex(65FCF2)

Conversions

Conversions Part 1

Format	Color
Hex	65FCF2
RGB	101, 252, 242
RGB Percent	40%, 99%, 95%
CMY	0.6039, 0.0118, 0.0510
CMYK	0.60, 0.00, 0.04, 0.01
HSL	176°, 96%, 69%
HSV	176°, 60%, 99%
XYZ	56.2042, 78.7983, 96.2517
YIQ	205.7110, -86.7860, -35.1220

Conversions

Conversions Part 2

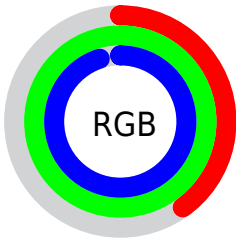
Format	Color
RYB	101, 179, 252
Decimal	6683890
CIELab	91.14, -42.15, -7.22
CIElCh	91, 42.761, 189.717
Yxy	78.7983, 0.2430, 0.3407
Android (android.graphics.Color)	4284873970 (0xFF65FCF2)
YUV	205.7110, 17.8905, -91.8315
Hunter-Lab	88.7684, -42.3264, -2.1503

Details

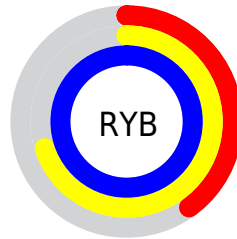
The Hex color **65FCF2** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FC656F**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **A5FFFF**, and **00C3BA** is the 20% darker color. If you saturate the color by 10%, you get **4CFCF0**, and if you desaturate by 10%, it is **7EFCF4**.

Distribution



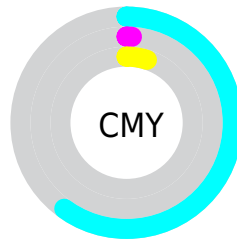
- Red (40%)
- Green (99%)
- Blue (95%)



- Red (40%)
- Yellow (70%)
- Blue (99%)



- Cyan (60%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (60%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65FCF2 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 65FCF2 by changing the saturation by 10% instead.

 65FCF2

FFFFFF

 A5FFFF

 C4FFFF

 E3FFFF

 65FCF2

 40DFD6

 00C3BA

 00A79F

 008C85

 00726C

 005954

 00403D

 002A27

 000913

 65FCF2

 65FCF2

 4CFCF0

 7EFCF4

 33FCEF

 97FCF5

 19FCED

 B1FCF7

 00FCEB

 CAFCF9

 E3FCFA

 FCFCFC

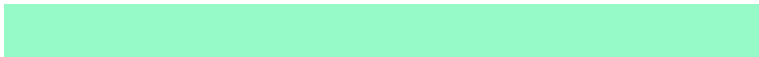
 FFFCFE

 FFFCFF

Harmonies

Analogous

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



96FAC8



65FCF2



53F9FF

Triad

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



65FCF2



FCD6FF



FFD999

Complementary

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



65FCF2



FC656F

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.



FFCDB3



65FCF2



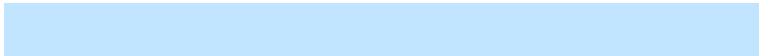
FFCAFF

Square

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



65FCF2



C2E5FF



FFC6DA



F4E794

Rectangle

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



65FCF2



6DF5FF



FFC6DA



FFD5A0

Sweetspot

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



65FCF2



D1FFFC



6FFC65



63807E



000000



808080

Same Dimension

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



65FCF2



47FFF3



65BBFC



707D7C



00BDB0



003D39

Inverse Universe

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



FC656F



FF4754



FCA665



7D7071



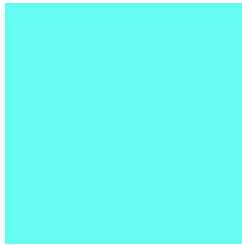
BD000C



3D0004

Previews

White Background



This preview shows how the Hex color 65FCF2 looks on a white background.

Color Contrast Check

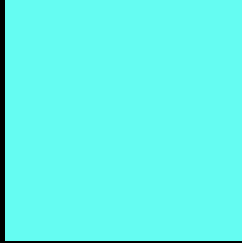
Large Text (above 18pt) WCAG AA × Fail

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 65FCF2 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 65FCF2 Background



This preview shows how black text looks on a background with the Hex color 65FCF2.

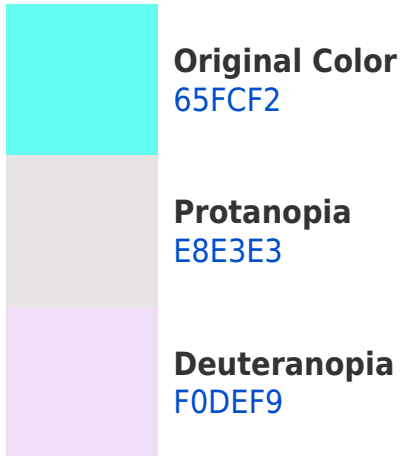


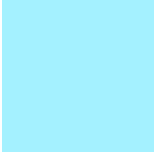
This preview shows how white text looks on a background with the Hex color 65FCF2.

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



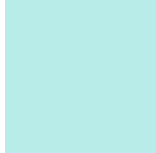


Tritanopia
A4F1FF

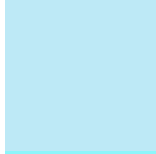
Trichromacy



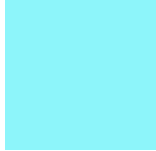
Original Color
65FCF2



Protanomaly
B8ECE8

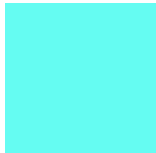


Deuteranomaly
BDE9F6

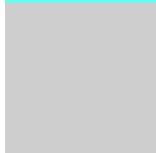


Tritanomaly
8DF5FA

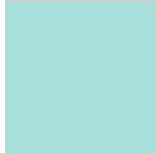
Monochromacy



Original Color
65FCF2



Achromatopsia
CECECE



Achromatomaly
A8DFDB

CSS Examples

Text

The CSS property to change the color of the text to Hex 65FCF2 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 #65FCF2 looks like.

```
.text, #text, p{  
    color:#65FCF2  
}
```

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 #65FCF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65FCF2
}
```

Border

The CSS property to change the border of an element to Hex 65FCF2 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
#65FCF2 }
```

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

```
.border{ border-color:#65FCF2 }
```

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

Here you see how a box with a 4 pixel #65FCF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65FCF2; -webkit-box-shadow:4px 4px  
4px 4px #65FCF2; box-shadow:4px 4px 4px  
4px #65FCF2 }
```

Background

The CSS property to change the background color of an element to Hex 65FCF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65FCF2 }
```

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

```
.background{ background-color:#65FCF2 }
```

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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