

# Converting Colors

Hex(67F2F2)

Have a look what the booklet for  
Hex(67F2F2) contains.

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# Color

Hex(67F2F2)

# Conversions

## Conversions Part 1

Format	Color
Hex	67F2F2
RGB	103, 242, 242
RGB Percent	40%, 95%, 95%
CMY	0.5961, 0.0510, 0.0510
CMYK	0.57, 0.00, 0.00, 0.05
HSL	180°, 84%, 68%
HSV	180°, 57%, 95%
XYZ	53.3727, 72.7986, 95.2429
YIQ	200.4390, -82.8440, -29.4680

# Conversions

## Conversions Part 2

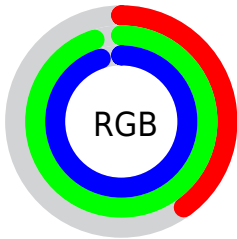
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 173, 242</a>
Decimal	<a href="#">6812402</a>
CIELab	<a href="#">88.35, -37.29, -11.36</a>
CIELCh	<a href="#">88, 38.977, 196.940</a>
Yxy	<a href="#">72.7986, 0.2411, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4285002482 (0xFF67F2F2)</a>
YUV	<a href="#">200.4390, 20.4896, -85.4540</a>
Hunter-Lab	<a href="#">85.3221, -37.6543, -6.4584</a>

# Details

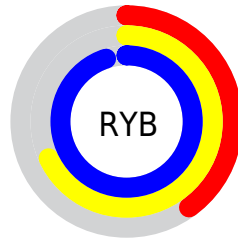
The Hex color **67F2F2** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F26767**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A6FFFF**, and **0BB9BA** is the 20% darker color. If you saturate the color by 10%, you get **4FF2F2**, and if you desaturate by 10%, it is **7FF2F2**.

# Distribution



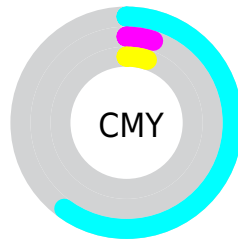
- Red (40%)
- Green (95%)
- Blue (95%)



- Red (40%)
- Yellow (68%)
- Blue (95%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 67F2F2 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 67F2F2 by changing the saturation by 10% instead.



 67F2F2

 67F2F2

FFFFFF

 44D5D6


 A6FFFF

 0BB9BA

 C5FFFF

 009E9F

 E4FFFF

 008385

 006A6C

 005154

 00393C

 002527

 000113

 67F2F2

 67F2F2

 4FF2F2

 7FF2F2

 37F2F2

 97F2F2

 1EF2F2

 B0F2F2

 06F2F2

 C8F2F2

 00F2F2

 E0F2F2

 F8F2F2

 FFF2F2

# Harmonies

## Analogous

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



8CF1CC



67F2F2



66EEFF

# Triad

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



67F2F2



FDCDF



FFD696

# Complementary

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



67F2F2



F26767

# 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.



FFCAA9



67F2F2



FFC3F0

# Square

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



67F2F2



CCDAFF



FFC2CA



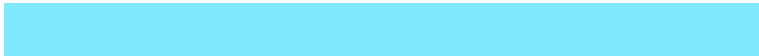
E2E296

# Rectangle

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



67F2F2



81E9FF



FFC2CA



FFD29A



# Sweetspot

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



67F2F2



D4FFFF



67F267



668080



000000



808080



# Same Dimension

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



67F2F2



4FFFFFF



67ACF2



6C7878



00B8B8



003838



# Inverse Universe

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



F267F2



FF4FFF



F2AC67



786C78



B800B8

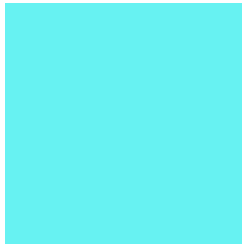


380038



# Previews

## White Background



This preview shows how the Hex color 67F2F2 looks on a white background.

## Color Contrast Check

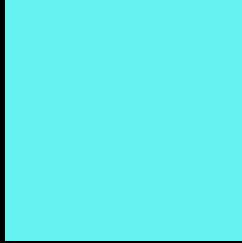
Large Text (above 18pt) WCAG AA × Fail

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 67F2F2 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 67F2F2 Background



This preview shows how black text looks on a background with the Hex color 67F2F2.

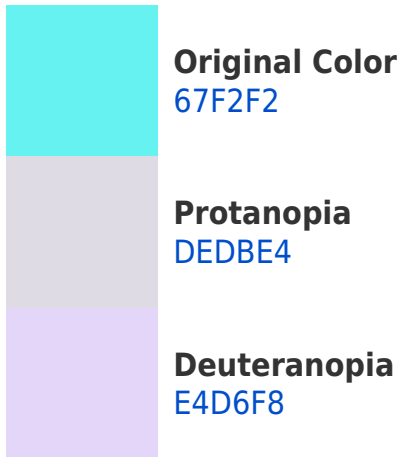


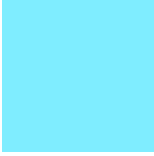
This preview shows how white text looks on a background with the Hex color 67F2F2.

# 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**  
7FEDFF

# Trichromacy



**Original Color**  
67F2F2



**Protanomaly**  
B3E3E9



**Deuteranomaly**  
B7E0F6

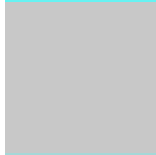


**Tritanomaly**  
76E9FA

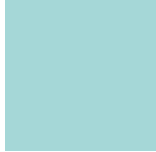
# Monochromacy



**Original Color**  
67F2F2



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
A5D7D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67F2F2 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 #67F2F2 looks like.

```
.text, #text, p{  
    color:#67F2F2  
}
```

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 #67F2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67F2F2
}
```

## Border

The CSS property to change the border of an element to Hex 67F2F2 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
#67F2F2 }
```

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

```
.border{ border-color:#67F2F2 }
```

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

Here you see how a box with a 4 pixel #67F2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67F2F2; -webkit-box-shadow:4px 4px  
4px 4px #67F2F2; box-shadow:4px 4px 4px  
4px #67F2F2 }
```

# Background

The CSS property to change the background color of an element to Hex 67F2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67F2F2 }
```

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

```
.background{ background-color:#67F2F2 }
```

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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