

Converting Colors

Hex(67FED1)

Have a look what the booklet for
Hex(67FED1) contains.

Hex(67FED1)	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(67FED1)

Conversions

Conversions Part 1

Format	Color
Hex	67FED1
RGB	103, 254, 209
RGB Percent	40%, 100%, 82%
CMY	0.5961, 0.0039, 0.1804
CMYK	0.59, 0.00, 0.18, 0.00
HSL	162°, 99%, 70%
HSV	162°, 59%, 100%
XYZ	52.5440, 78.3706, 72.6793
YIQ	203.7210, -75.5510, -46.0070

Conversions

Conversions Part 2

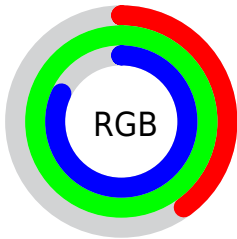
Format	Color
RYB	103, 192, 254
Decimal	6815441
CIELab	90.95, -50.63, 9.61
CIELCh	91, 51.530, 169.257
Yxy	78.3706, 0.2581, 0.3849
Android (android.graphics.Color)	4285005521 (0xFF67FED1)
YUV	203.7210, 2.6025, -88.3323
Hunter-Lab	88.5272, -48.9767, 13.2930

Details

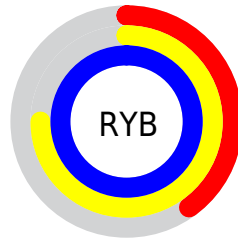
The Hex color **67FED1** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FE6794**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A6FFFF**, and **0EC49B** is the 20% darker color. If you saturate the color by 10%, you get **4EFEC9**, and if you desaturate by 10%, it is **80FED9**.

Distribution



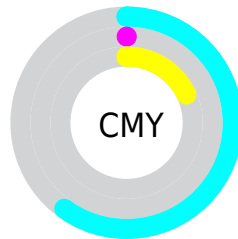
- Red (40%)
- Green (100%)
- Blue (82%)



- Red (40%)
- Yellow (75%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67FED1 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 67FED1 by changing the saturation by 10% instead.

 67FED1

FFFFFF

 A6FFFF

 C4FFFF

 E3FFFF

 67FED1

 44E1B5

 0EC49B

 00A981

 008D67

 00734F

 005938

 004123

 002B0E

 000600

 67FED1

 67FED1

 4EFEC9

 80FED9

 34FEC2

 9AFEE0

 1BFEB4

 B3FEE8

 01FEB3

 CDFEEF

 00FEB2

 E6FEF7

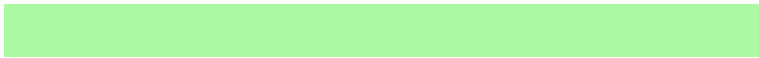
FFFEFE

FFFEFF

Harmonies

Analogous

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



ACF8A3



67FED1



00FFFF

Triad

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



67FED1



CFDFFF



FFCB9C

Complementary

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



67FED1



FE6794

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.



FFBFC7



67FED1



FFCDFF

Square

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



67FED1



76EFFF



FFC0F9



FFDC83

Rectangle

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



67FED1



00FCFF



FFC0F9



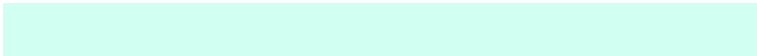
FFC6A9

Sweetspot

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



67FED1



D1FFF1



94FE67



638077



000000



808080

Same Dimension

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



67FED1



4AFFC9



67E0FE



73807C



00BF86



00402D

Inverse Universe

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



FE6794



FF4A80



FE8567



807377



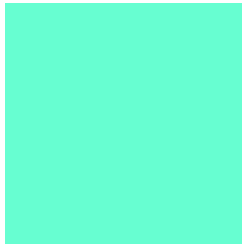
BF0039



400013

Previews

White Background



This preview shows how the Hex color 67FED1 looks on a white background.

Color Contrast Check

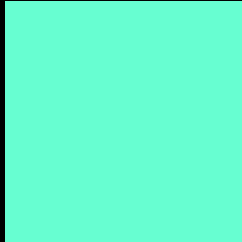
Large Text (above 18pt) WCAG AA × Fail

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 67FED1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

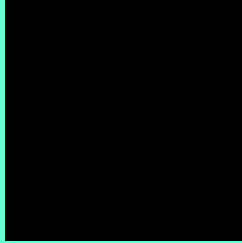
Any Text WCAG AA ✓ Pass

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 67FED1 Background



This preview shows how black text looks on a background with the Hex color 67FED1.

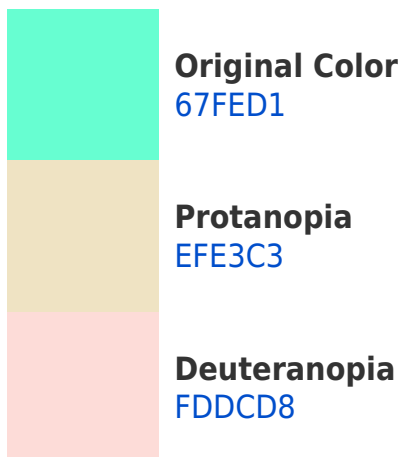


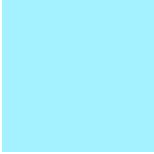
This preview shows how white text looks on a background with the Hex color 67FED1.

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



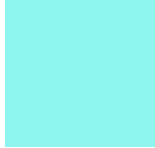
Original Color
67FED1



Protanomaly
BEEDC8



Deuteranomaly
C6E8D5

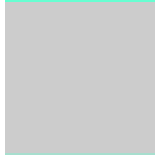


Tritanomaly
8EF6EE

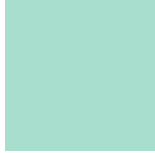
Monochromacy



Original Color
67FED1



Achromatopsia
CCCCCC



Achromatomaly
A7DECE

CSS Examples

Text

The CSS property to change the color of the text to Hex 67FED1 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 #67FED1 looks like.

```
.text, #text, p{  
    color:#67FED1  
}
```

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 #67FED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67FED1
}
```

Border

The CSS property to change the border of an element to Hex 67FED1 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
#67FED1 }
```

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

```
.border{ border-color:#67FED1 }
```

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

Here you see how a box with a 4 pixel #67FED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67FED1; -webkit-box-shadow:4px 4px  
4px 4px #67FED1; box-shadow:4px 4px 4px  
4px #67FED1 }
```

Background

The CSS property to change the background color of an element to Hex 67FED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67FED1 }
```

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

```
.background{ background-color:#67FED1 }
```

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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