

Converting Colors

Hex(65FED4)

Have a look what the booklet for
Hex(65FED4) contains.

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Color

Hex(65FED4)

Conversions

Conversions Part 1

Format	Color
Hex	65FED4
RGB	101, 254, 212
RGB Percent	40%, 100%, 83%
CMY	0.6039, 0.0039, 0.1686
CMYK	0.60, 0.00, 0.17, 0.00
HSL	164°, 99%, 70%
HSV	164°, 60%, 100%
XYZ	52.6923, 78.4038, 74.6436
YIQ	203.4650, -77.7060, -45.4980

Conversions

Conversions Part 2

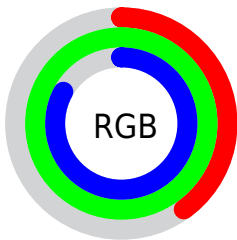
Format	Color
RYB	101, 190, 254
Decimal	6684372
CIELab	90.96, -50.31, 8.07
CIELCh	91, 50.949, 170.885
Yxy	78.4038, 0.2561, 0.3811
Android (android.graphics.Color)	4284874452 (0xFF65FED4)
YUV	203.4650, 4.2078, -89.8618
Hunter-Lab	88.5459, -48.7328, 12.0011

Details

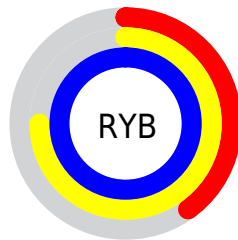
The Hex color **65FED4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FE658F**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **A4FFFF**, and **03C49D** is the 20% darker color. If you saturate the color by 10%, you get **4CFECD**, and if you desaturate by 10%, it is **7EFEDB**.

Distribution



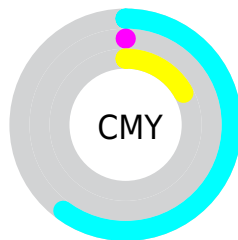
- Red (40%)
- Green (100%)
- Blue (83%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65FED4 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 65FED4 by changing the saturation by 10% instead.

 65FED4

 65FED4

FFFFFF

 41E1B8

 A4FFFF

 03C49D

 C3FFFF

 00A983

 E2FFFF

 008D6A

 007352

 00593B

 004125

 002B11

 000700

■ 65FED4

■ 65FED4

■ 4CFECD

■ 7EFEDB

■ 32FEC6

■ 98FEE2

■ 19FEBF

■ B1FEE9

■ 00FEB8

■ CBFEF0

■ E4FEF7

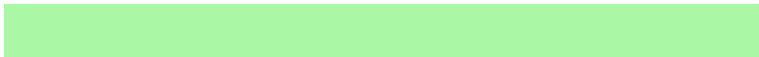
■ FDFEFE

■ FFFEFF

Harmonies

Analogous

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



AAF8A6



65FED4



00FFFF

Triad

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



65FED4



D4DEFF



FFCC9B

Complementary

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



65FED4



FE658F

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.



FFC0C5



65FED4



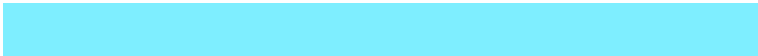
FFCCFF

Square

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



65FED4



7EEEFF



FFC0F6



FFDD84

Rectangle

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



65FED4



00FCFF



FFC0F6



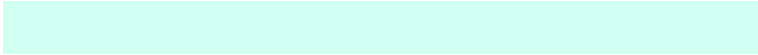
FFC7A7

Sweetspot

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



65FED4



D1FFF2



90FE65



638078



000000



808080

Same Dimension

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



65FED4



47FFCD



65DDFE



73807C



00BF8B



00402E

Inverse Universe

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



FE658F



FF477A



FE8665



807376



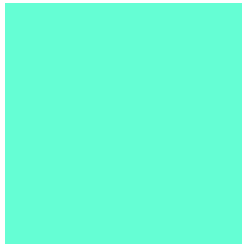
BF0035



400012

Previews

White Background



This preview shows how the Hex color 65FED4 looks on a white background.

Color Contrast Check

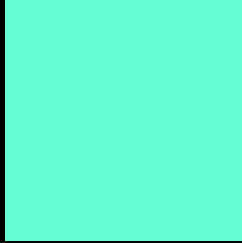
Large Text (above 18pt) WCAG AA × Fail

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 65FED4 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 65FED4 Background



This preview shows how black text looks on a background with the Hex color 65FED4.

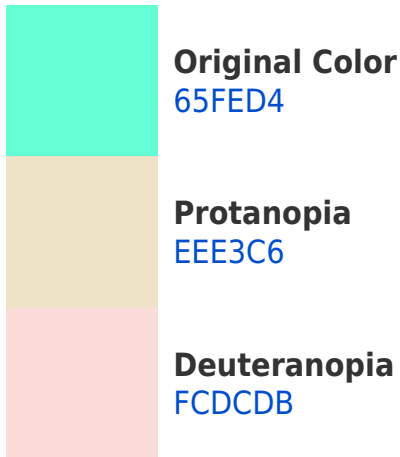


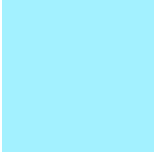
This preview shows how white text looks on a background with the Hex color 65FED4.

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
A3F1FF

Trichromacy



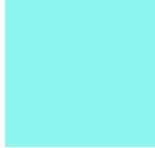
Original Color
65FED4



Protanomaly
BCEDCB

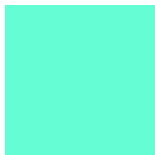


Deuteranomaly
C5E8D8



Tritanomaly
8CF6EF

Monochromacy



Original Color
65FED4



Achromatopsia
CBCBCB



Achromatomaly
A6DECE

CSS Examples

Text

The CSS property to change the color of the text to Hex 65FED4 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 #65FED4 looks like.

```
.text, #text, p{  
    color:#65FED4  
}
```

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 #65FED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65FED4
}
```

Border

The CSS property to change the border of an element to Hex 65FED4 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
#65FED4 }
```

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

```
.border{ border-color:#65FED4 }
```

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

Here you see how a box with a 4 pixel #65FED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65FED4; -webkit-box-shadow:4px 4px  
4px 4px #65FED4; box-shadow:4px 4px 4px  
4px #65FED4 }
```

Background

The CSS property to change the background color of an element to Hex 65FED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65FED4 }
```

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

```
.background{ background-color:#65FED4 }
```

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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