

Converting Colors

Hex(66EED4)

Have a look what the booklet for
Hex(66EDD4) contains.

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Color

Hex(66EDD4)

Conversions

Conversions Part 1

Format	Color
Hex	66EDD4
RGB	102, 237, 212
RGB Percent	40%, 93%, 83%
CMY	0.6000, 0.0706, 0.1686
CMYK	0.57, 0.00, 0.11, 0.07
HSL	169°, 79%, 66%
HSV	169°, 57%, 93%
XYZ	47.6473, 68.1466, 72.9297
YIQ	193.7850, -72.4350, -36.3950

Conversions

Conversions Part 2

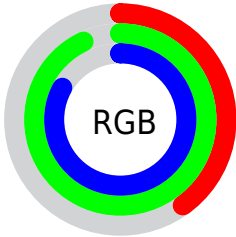
Format	Color
RYB	102, 176, 237
Decimal	6745556
CIELab	86.08, -42.80, 1.01
CIELCh	86, 42.816, 178.648
Yxy	68.1466, 0.2525, 0.3611
Android (android.graphics.Color)	4284935636 (0xFF66EDD4)
YUV	193.7850, 8.9800, -80.4954
Hunter-Lab	82.5510, -41.4363, 5.4059

Details

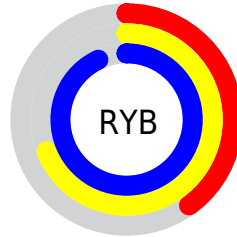
The Hex color **66EDD4** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **ED667F**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A3FFFF**, and **16B49D** is the 20% darker color. If you saturate the color by 10%, you get **4EEDD0**, and if you desaturate by 10%, it is **7EEDD8**.

Distribution



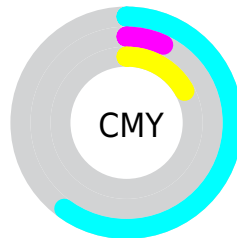
- Red (40%)
- Green (93%)
- Blue (83%)



- Red (40%)
- Yellow (69%)
- Blue (93%)



- Cyan (57%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (60%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66EDD4 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 66EDD4 by changing the saturation by 10% instead.

 66EDD4

 66EDD4

FFFFFF

 45D0B8

 A3FFFF

 16B49D

 C2FFFF

 009983

 E0FFFF

 007F6A

FEFFFF

 006552

 004C3B

 003426

 001E11

 000000

66EDD4

66EDD4

4EEDD0

7EEDD8

37EDCB

95EDDD

1FEDC7

ADEDE1

07EDC2

C5EDE6

00EDC1

DCEDEA

F4EDEE

FFEDF3

FFEDF7

FFEDFB

Harmonies

Analogous

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



9AE9AC



66EDD4



3BECFD

Triad

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



66EDD4



DACDFF



FFC693

Complementary

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



66EDD4



ED667F

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.



FFBBB2



66EDD4



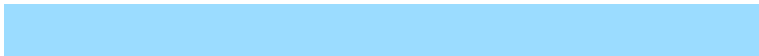
FFC0FF

Square

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



66EDD4



9BDCFF



FFB8DB



F4D486

Rectangle

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



66EDD4



45E9FF



FFB8DB



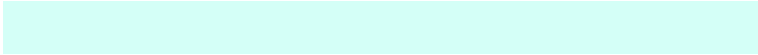
FFC29C

Sweetspot

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



66EDD4



D4FFF7



81ED66



66807B



000000



808080

Same Dimension

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



66EDD4



52FFDF



66C4ED



6A7573



00B594



00362C

Inverse Universe

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



ED667F



FF5272



ED8E66



756A6C



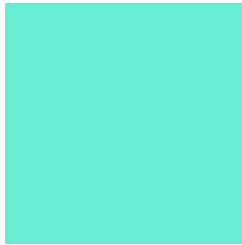
B50022



36000A

Previews

White Background



This preview shows how the Hex color 66EDD4 looks on a white background.

Color Contrast Check

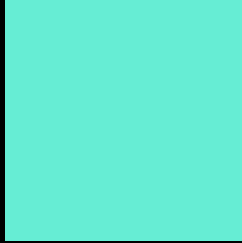
Large Text (above 18pt) WCAG AA × Fail

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 66EDD4 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

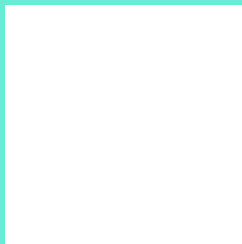
Any Text WCAG AAA ✓ Pass

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

Hex 66EED4 Background



This preview shows how black text looks on a background with the Hex color 66EED4.

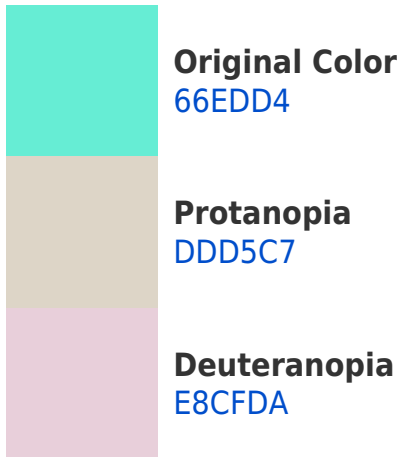


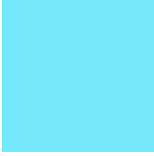
This preview shows how white text looks on a background with the Hex color 66EED4.

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



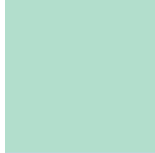


Tritanopia
74E7FA

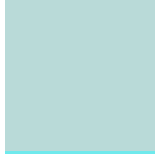
Trichromacy



Original Color
66EDD4



Protanomaly
B2DECC



Deuteranomaly
B9DAD8

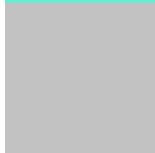


Tritanomaly
6FE9EC

Monochromacy



Original Color
66EDD4



Achromatopsia
C2C2C2



Achromatomaly
A1D2C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 66EDD4 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 #66EDD4 looks like.

```
.text, #text, p{  
    color:#66EDD4  
}
```

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 #66EED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66EED4  
}
```

Border

The CSS property to change the border of an element to Hex 66EED4 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  
#66EED4 }
```

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

```
.border{ border-color:#66EDD4 }
```

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

Here you see how a box with a 4 pixel #66EDD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66EDD4; -webkit-box-shadow:4px 4px  
4px 4px #66EDD4; box-shadow:4px 4px 4px  
4px #66EDD4 }
```

Background

The CSS property to change the background color of an element to Hex 66EDD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66EDD4 }
```

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

```
.background{ background-color:#66EDD4 }
```

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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