

Converting Colors

Hex(66C5D4)

Have a look what the booklet for
Hex(66C5D4) contains.

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Color

Hex(66C5D4)

Conversions

Conversions Part 1

Format	Color
Hex	66C5D4
RGB	102, 197, 212
RGB Percent	40%, 77%, 83%
CMY	0.6000, 0.2275, 0.1686
CMYK	0.52, 0.07, 0.00, 0.17
HSL	188°, 56%, 62%
HSV	188°, 52%, 83%
XYZ	37.3294, 47.5108, 69.4904
YIQ	170.3050, -61.4350, -15.4750

Conversions

Conversions Part 2

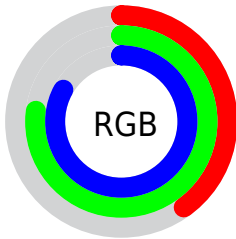
Format	Color
RYB	102, 153, 212
Decimal	6735316
CIELab	74.52, -23.99, -16.13
CIELCh	75, 28.910, 213.922
Yxy	47.5108, 0.2419, 0.3079
Android (android.graphics.Color)	4284925396 (0xFF66C5D4)
YUV	170.3050, 20.5556, -59.9035
Hunter-Lab	68.9280, -23.9537, -11.5241

Details

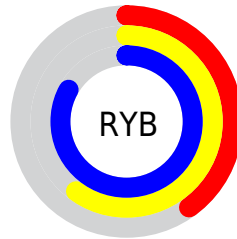
The Hex color **66C5D4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D47566**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A0FEFF**, and **258F9D** is the 20% darker color. If you saturate the color by 10%, you get **51C2D4**, and if you desaturate by 10%, it is **7BC8D4**.

Distribution



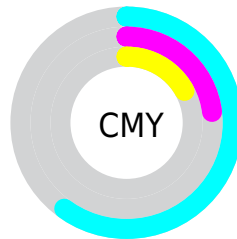
- Red (40%)
- Green (77%)
- Blue (83%)



- Red (40%)
- Yellow (60%)
- Blue (83%)



- Cyan (52%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66C5D4 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 66C5D4 by changing the saturation by 10% instead.

 66C5D4

 66C5D4

FFFFFF

 48AAB8

 A0FEFF

 258F9D

 BDFFFF

 007583

 DBFFFF


 005C6A

 F9FFFF

 004452

 002E3B

 001A25

 00010F

 000000

■ 66C5D4

■ 66C5D4

■ 51C2D4

■ 7BC8D4

■ 3CBFD4

■ 90CBD4

■ 26BCD4

■ A6CED4

■ 11B9D4

■ BBD1D4

■ 00B7D4

■ D0D3D4

■ E5D6D4

■ FAD9D4

■ FFDCD4

■ FFDFD4

Harmonies

Analogous

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



71C6BA



66C5D4



77C0E6

Triad

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



66C5D4



DCA7CF



C7B782

Complementary

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



66C5D4



D47566

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.



DEAE88



66C5D4



EBA4B5

Square

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



66C5D4



C0AFE3



EBA69B



AABF8B

Rectangle

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



66C5D4



8EBBEC



EBA69B



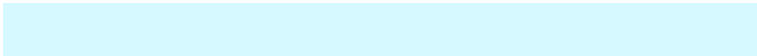
D0B483

Sweetspot

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



66C5D4



D6F9FF



66D475



677C80



000000



808080

Same Dimension

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



66C5D4



61E9FF



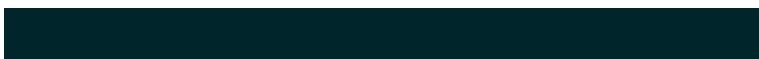
668ED4



606A6B



0094AB



00252B

Inverse Universe

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



D466C5



FF61E9



D4AC66



6B606A



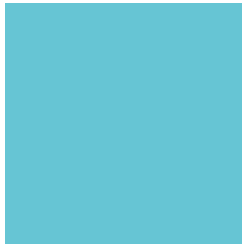
AB0094



2B0025

Previews

White Background



This preview shows how the Hex color 66C5D4 looks on a white background.

Color Contrast Check

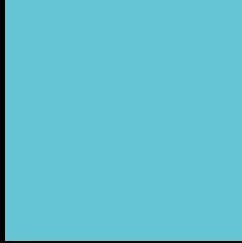
Large Text (above 18pt) WCAG AA × Fail

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 66C5D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

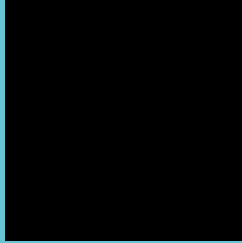
Any Text WCAG AA ✓ Pass

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 66C5D4 Background



This preview shows how black text looks on a background with the Hex color 66C5D4.

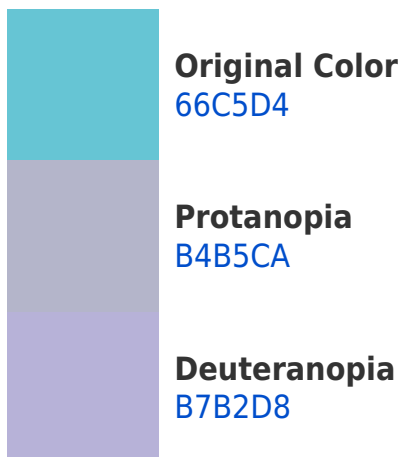


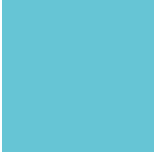
This preview shows how white text looks on a background with the Hex color 66C5D4.

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](#).

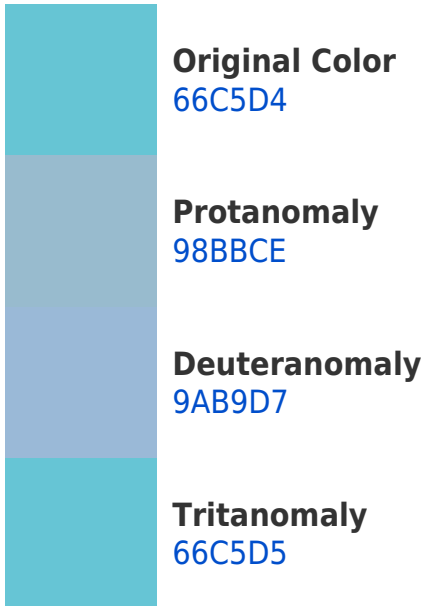
Dichromacy



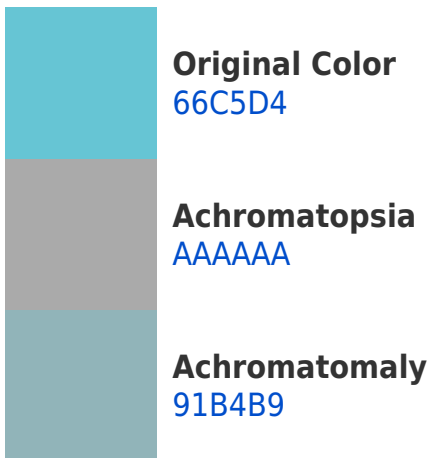


Tritanopia
66C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66C5D4 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 #66C5D4 looks like.

```
.text, #text, p{  
    color:#66C5D4  
}
```

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 #66C5D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66C5D4
}
```

Border

The CSS property to change the border of an element to Hex 66C5D4 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
#66C5D4 }
```

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

```
.border{ border-color:#66C5D4 }
```

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

Here you see how a box with a 4 pixel #66C5D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66C5D4; -webkit-box-shadow:4px 4px  
4px 4px #66C5D4; box-shadow:4px 4px 4px  
4px #66C5D4 }
```

Background

The CSS property to change the background color of an element to Hex 66C5D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66C5D4 }
```

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

```
.background{ background-color:#66C5D4 }
```

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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