

Converting Colors

Hex(66C6D5)

Have a look what the booklet for
Hex(66C6D5) contains.

Hex(66C6D5)	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(66C6D5)

Conversions

Conversions Part 1

Format	Color
Hex	66C6D5
RGB	102, 198, 213
RGB Percent	40%, 78%, 84%
CMY	0.6000, 0.2235, 0.1647
CMYK	0.52, 0.07, 0.00, 0.16
HSL	188°, 57%, 62%
HSV	188°, 52%, 84%
XYZ	37.6838, 48.0170, 70.2329
YIQ	171.0060, -62.0310, -15.6870

Conversions

Conversions Part 2

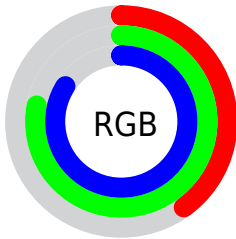
Format	Color
RYB	102, 153, 213
Decimal	6735573
CIELab	74.84, -24.22, -16.19
CIELCh	75, 29.130, 213.769
Yxy	48.0170, 0.2417, 0.3079
Android (android.graphics.Color)	4284925653 (0xFF66C6D5)
YUV	171.0060, 20.7030, -60.5183
Hunter-Lab	69.2943, -24.1928, -11.5870

Details

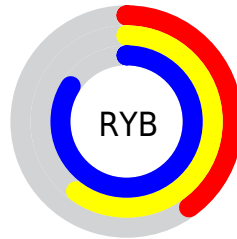
The Hex color **66C6D5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D57566**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A0FFFF**, and **24909E** is the 20% darker color. If you saturate the color by 10%, you get **51C3D5**, and if you desaturate by 10%, it is **7BC9D5**.

Distribution



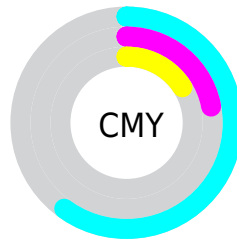
- Red (40%)
- Green (78%)
- Blue (84%)



- Red (40%)
- Yellow (60%)
- Blue (84%)



- Cyan (52%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66C6D5 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 66C6D5 by changing the saturation by 10% instead.

 66C6D5

 66C6D5

FFFFFF

 48ABB9

 A0FFFF

 24909E

 BEFFFF

 007684

 DBFFFF

 005D6B

 F9FFFF

 004553

 002E3C

 001B26

 000110

 000000

■ 66C6D5

■ 66C6D5

■ 51C3D5

■ 7BC9D5

■ 3BC0D5

■ 91CCD5

■ 26BDD5

■ A6CFD5

■ 11BAD5

■ BBD2D5

■ 00B8D5

■ D1D4D5

■ E6D7D5

■ FBDAD5

■ FFDDD5

■ FFE0D5

Harmonies

Analogous

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



71C7BB



66C6D5



77C1E7

Triad

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



66C6D5



DEA8D0



C8B883

Complementary

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



66C6D5



D57566

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.



DFAF89



66C6D5



EDA4B6

Square

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



66C6D5



C1B0E5



EDA79C



ABC08B

Rectangle

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



66C6D5



8EBCED



EDA79C



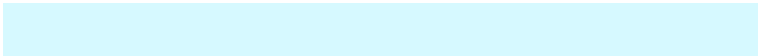
D1B583

Sweetspot

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



66C6D5



D6F9FF



66D575



677C80



000000



808080

Same Dimension

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



66C6D5



5EE9FF



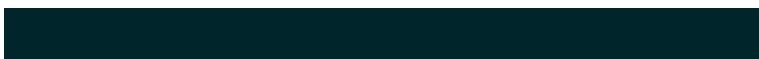
668FD5



606A6B



0094AB



00252B

Inverse Universe

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



D566C6



FF5EE9



D5AC66



6B606A



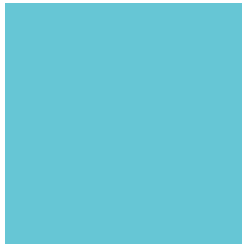
AB0094



2B0025

Previews

White Background



This preview shows how the Hex color 66C6D5 looks on a white background.

Color Contrast Check

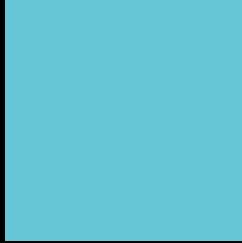
Large Text (above 18pt) WCAG AA × Fail

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 66C6D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

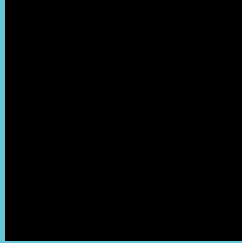
Any Text WCAG AA ✓ Pass

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 66C6D5 Background



This preview shows how black text looks on a background with the Hex color 66C6D5.

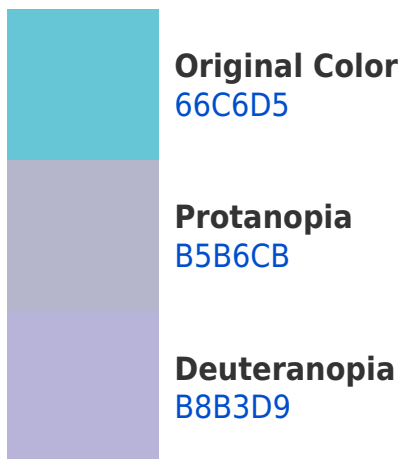


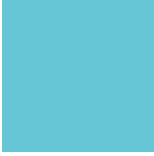
This preview shows how white text looks on a background with the Hex color 66C6D5.

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](#).

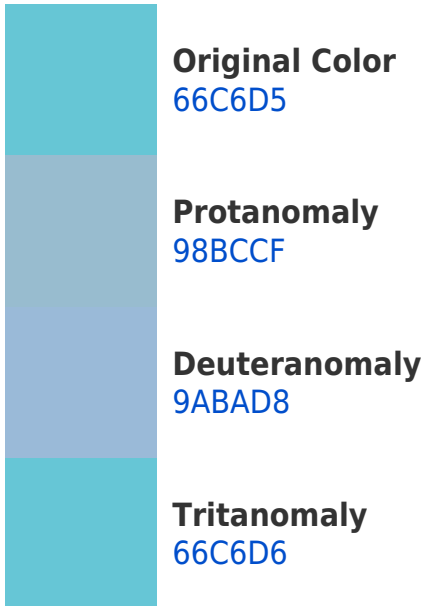
Dichromacy



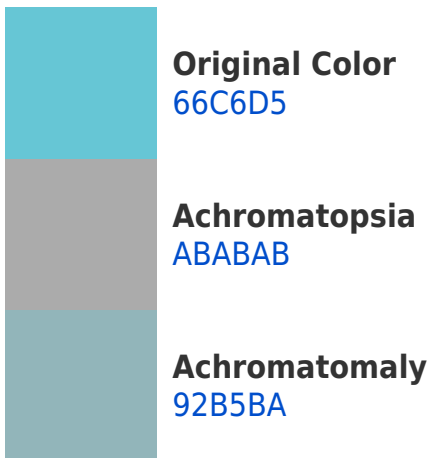


Tritanopia
66C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66C6D5 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 #66C6D5 looks like.

```
.text, #text, p{  
    color:#66C6D5  
}
```

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 #66C6D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66C6D5
}
```

Border

The CSS property to change the border of an element to Hex 66C6D5 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
#66C6D5 }
```

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

```
.border{ border-color:#66C6D5 }
```

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

Here you see how a box with a 4 pixel #66C6D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66C6D5; -webkit-box-shadow:4px 4px  
4px 4px #66C6D5; box-shadow:4px 4px 4px  
4px #66C6D5 }
```

Background

The CSS property to change the background color of an element to Hex 66C6D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66C6D5 }
```

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

```
.background{ background-color:#66C6D5 }
```

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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