

Converting Colors

Hex(66B1D5)

Have a look what the booklet for
Hex(66B1D5) contains.

Hex(66B1D5)	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(66B1D5)

Conversions

Conversions Part 1

Format	Color
Hex	66B1D5
RGB	102, 177, 213
RGB Percent	40%, 69%, 84%
CMY	0.6000, 0.3059, 0.1647
CMYK	0.52, 0.17, 0.00, 0.16
HSL	199°, 57%, 62%
HSV	199°, 52%, 84%
XYZ	33.2119, 39.0732, 68.7422
YIQ	158.6790, -56.2560, -4.7040

Conversions

Conversions Part 2

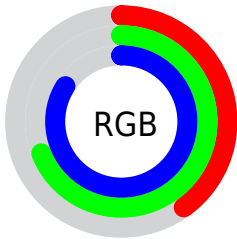
Format	Color
RYB	102, 147, 213
Decimal	6730197
CIELab	68.80, -13.36, -25.36
CIELCh	69, 28.665, 242.213
Yxy	39.0732, 0.2355, 0.2771
Android (android.graphics.Color)	4284920277 (0xFF66B1D5)
YUV	158.6790, 26.7803, -49.7075
Hunter-Lab	62.5085, -14.5498, -21.4467

Details

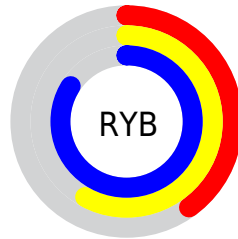
The Hex color **66B1D5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D58A66**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9FE9FF**, and **277C9E** is the 20% darker color. If you saturate the color by 10%, you get **51AAD5**, and if you desaturate by 10%, it is **7BB8D5**.

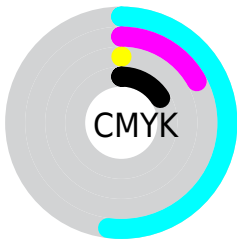
Distribution



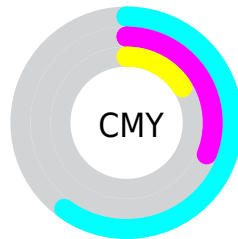
- Red (40%)
- Green (69%)
- Blue (84%)



- Red (40%)
- Yellow (58%)
- Blue (84%)



- Cyan (52%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B1D5 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 66B1D5 by changing the saturation by 10% instead.

66B1D5

66B1D5

FFFFFF

4996B9

9FE9FF

277C9E

BCFFFF

006384

DAFFFF

004C6B

F7FFFF

003552

00203B

000226

00010E

000000

66B1D5

66B1D5

51AAD5

7BB8D5

3BA3D5

91BFD5

269CD5

A6C6D5

1195D5

BBCDD5

0090D5

D1D4D5

E6DAD5

FBE1D5

FFE8D5

FFEFD5

Harmonies

Analogous

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



56B5C3



66B1D5



89AADB

Triad

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



66B1D5



DA95A7



9DAF7B

Complementary

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



66B1D5



D58A66

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.



B8A774



66B1D5



DB978D

Square

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



66B1D5



CB98C0



CE9E7B



7EB48F

Rectangle

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



66B1D5



A2A4D8



CE9E7B



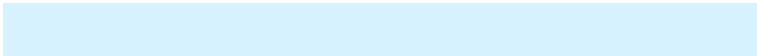
A6AC77

Sweetspot

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



66B1D5



D6F2FF



66D589



677880



000000



808080

Same Dimension

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



66B1D5



5ECBFF



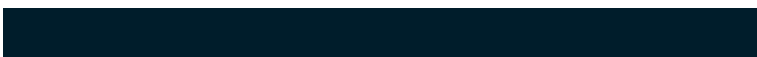
667AD5



60686B



0073AB



001D2B

Inverse Universe

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



D566B1



FF5ECB



D5C166



6B6068



AB0073



2B001D

Previews

White Background



This preview shows how the Hex color 66B1D5 looks on a white background.

Color Contrast Check

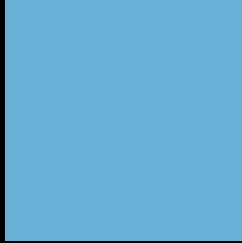
Large Text (above 18pt) WCAG AA × Fail

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 66B1D5 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 66B1D5 Background



This preview shows how black text looks on a background with the Hex color 66B1D5.

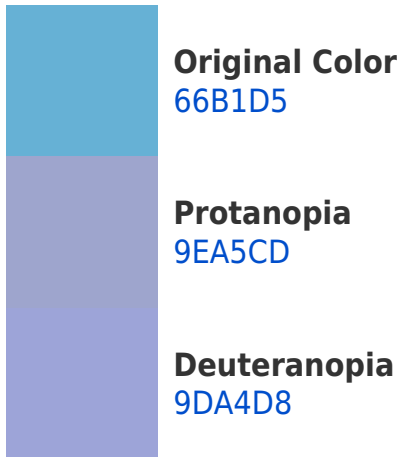


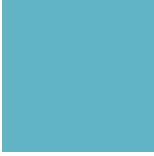
This preview shows how white text looks on a background with the Hex color 66B1D5.

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](#).

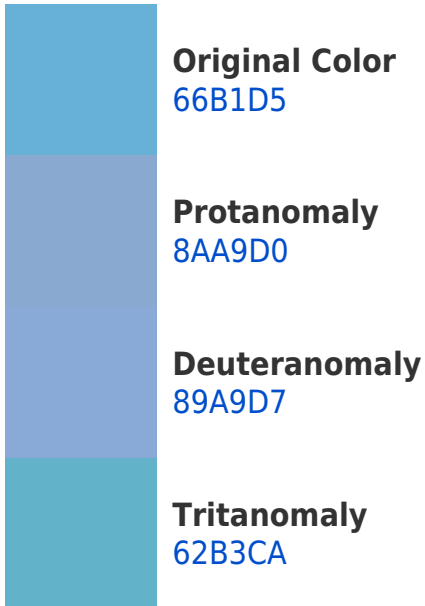
Dichromacy



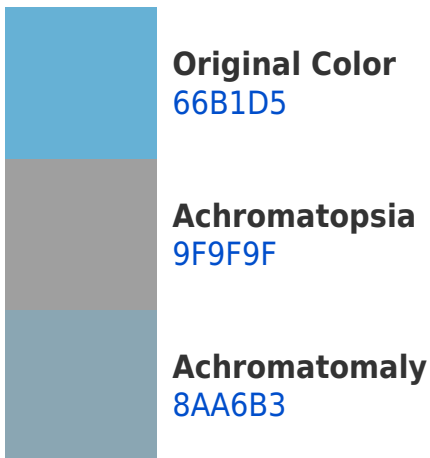


Tritanopia
60B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B1D5 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 #66B1D5 looks like.

```
.text, #text, p{  
    color:#66B1D5  
}
```

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 #66B1D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B1D5
}
```

Border

The CSS property to change the border of an element to Hex 66B1D5 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
#66B1D5 }
```

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

```
.border{ border-color:#66B1D5 }
```

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

Here you see how a box with a 4 pixel #66B1D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B1D5; -webkit-box-shadow:4px 4px  
4px 4px #66B1D5; box-shadow:4px 4px 4px  
4px #66B1D5 }
```

Background

The CSS property to change the background color of an element to Hex 66B1D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B1D5 }
```

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

```
.background{ background-color:#66B1D5 }
```

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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