

Converting Colors

Hex(66BBDD)

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

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Color

Hex(66BBDD)

Conversions

Conversions Part 1

Format	Color
Hex	66BBDD
RGB	102, 187, 221
RGB Percent	40%, 73%, 87%
CMY	0.6000, 0.2667, 0.1333
CMYK	0.54, 0.15, 0.00, 0.13
HSL	197°, 64%, 63%
HSV	197°, 54%, 87%
XYZ	36.3010, 43.5859, 74.9063
YIQ	165.4610, -61.5740, -7.4460

Conversions

Conversions Part 2

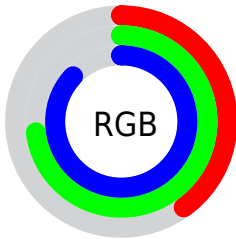
Format	Color
RYB	102, 152, 221
Decimal	6732765
CIELab	71.95, -16.33, -24.92
CIELCh	72, 29.791, 236.760
Yxy	43.5859, 0.2345, 0.2816
Android (android.graphics.Color)	4284922845 (0xFF66BBDD)
YUV	165.4610, 27.3807, -55.6553
Hunter-Lab	66.0196, -17.3859, -21.0571

Details

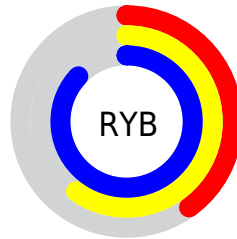
The Hex color **66BBDD** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DD8866**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A0F3FF**, and **2486A6** is the 20% darker color. If you saturate the color by 10%, you get **50B5DD**, and if you desaturate by 10%, it is **7CC1DD**.

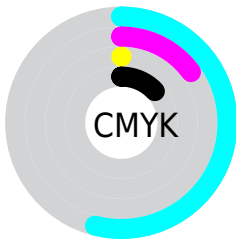
Distribution



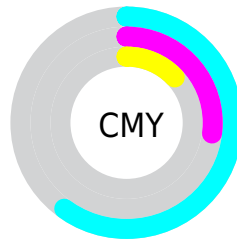
- Red (40%)
- Green (73%)
- Blue (87%)



- Red (40%)
- Yellow (60%)
- Blue (87%)



- Cyan (54%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (60%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 66BBDD

 66BBDD

FFFFFF

 48A0C1

 A0F3FF

 2486A6

 BEFFFF

 006C8B

 DBFFFF

 005472

 F9FFFF

 003D59

 002742

 00102B

 000116

 000000

66BBDD

66BBDD

50B5DD

7CC1DD

3AAEDD

92C8DD

24A8DD

A8CEDD

0EA2DD

BED4DD

009EDD

D5DBDD

EBE1DD

FFE7DD

FFEEDD

FFF4DD

Harmonies

Analogous

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



5BBFC8



66BBDD



89B4E6

Triad

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



66BBDD



E39CB4



AAB67F

Complementary

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



66BBDD



DD8866

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.



C6AE7A



66BBDD



E79E99

Square

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



66BBDD



D0A1CF



DCA484



8BBC92

Rectangle

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



66BBDD



A4AEE4



DCA484



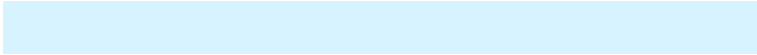
B4B37C

Sweetspot

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



66BBDD



D6F3FF



66DD88



677980



000000



808080

Same Dimension

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



66BBDD



59D0FF



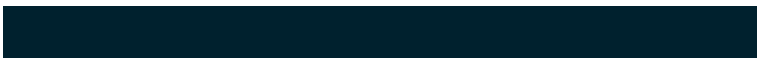
6680DD



636B6E



007CAD



00212E

Inverse Universe

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



DD66BB



FF59D0



DDC366



6E636B



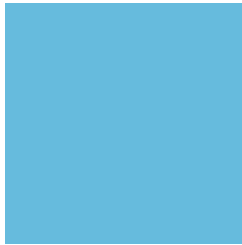
AD007C



2E0021

Previews

White Background



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

Color Contrast Check

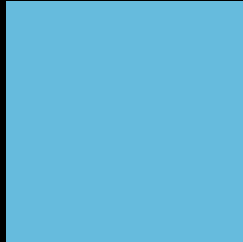
Large Text (above 18pt) WCAG AA × Fail

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 66BBDD 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 66BBDD Background



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

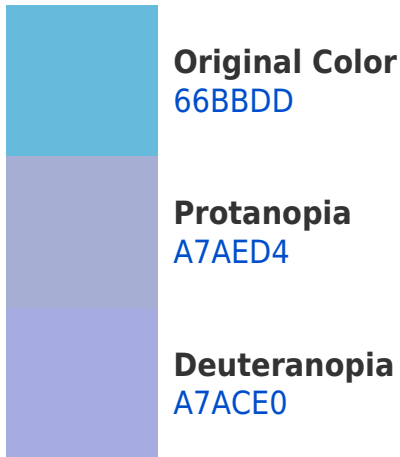


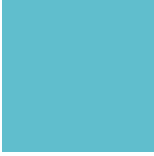
This preview shows how white text looks on a background with the Hex color 66BBDD.

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](#).

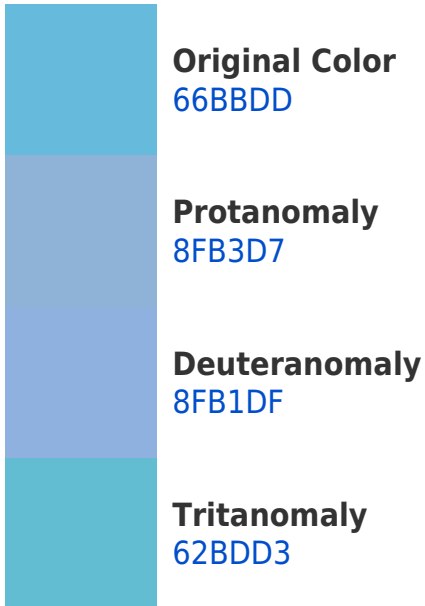
Dichromacy



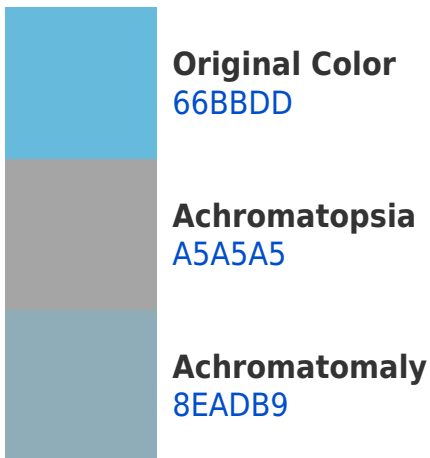


Tritanopia
60BECD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #66BBDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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