

Converting Colors

Hex(6BB3DD)

Have a look what the booklet for
Hex(6BB3DD) contains.

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Color

Hex(6BB3DD)

Conversions

Conversions Part 1

Format	Color
Hex	6BB3DD
RGB	107, 179, 221
RGB Percent	42%, 70%, 87%
CMY	0.5804, 0.2980, 0.1333
CMYK	0.52, 0.19, 0.00, 0.13
HSL	202°, 63%, 64%
HSV	202°, 52%, 87%
XYZ	35.2346, 40.5865, 74.3835
YIQ	162.2600, -56.3940, -2.2020

Conversions

Conversions Part 2

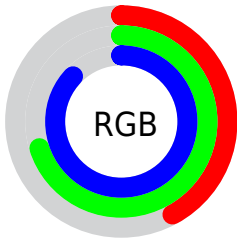
Format	Color
RYB	107, 151, 221
Decimal	7058397
CIELab	69.89, -11.01, -28.07
CIELCh	70, 30.150, 248.575
Yxy	40.5865, 0.2346, 0.2702
Android (android.graphics.Color)	4285248477 (0xFF6BB3DD)
YUV	162.2600, 28.9588, -48.4630
Hunter-Lab	63.7075, -12.7653, -24.6305

Details

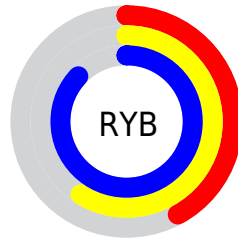
The Hex color **6BB3DD** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DD956B**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A5EBFF**, and **2D7EA6** is the 20% darker color. If you saturate the color by 10%, you get **55ABDD**, and if you desaturate by 10%, it is **81BBDD**.

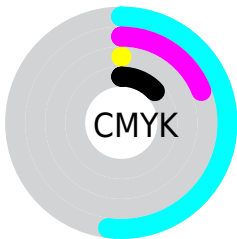
Distribution



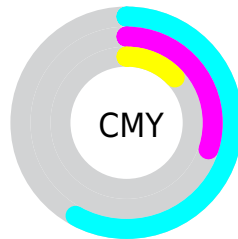
- Red (42%)
- Green (70%)
- Blue (87%)



- Red (42%)
- Yellow (59%)
- Blue (87%)



- Cyan (52%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB3DD 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 6BB3DD by changing the saturation by 10% instead.

6BB3DD

6BB3DD

FFFFFF

4E98C1

A5EBFF

2D7EA6

C2FFFF

00658B

DFFFFF

004D72

FDFFFF

003759

002141

00032B

000116

000000

■ 6BB3DD

■ 6BB3DD

■ 55ABDD

■ 81BBDD

■ 3FA3DD

■ 97C3DD

■ 299BDD

■ ADCBDD

■ 1392DD

■ C3D4DD

■ 008CDD

■ DADCDD

■ F0E4DD

■ FFECDD

■ FFF4DD

■ FFFCDD

Harmonies

Analogous

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



53B8CC



6BB3DD



93ABE1

Triad

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



6BB3DD



E196A4



98B37F

Complementary

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



6BB3DD



DD956B

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.



B6AC74



6BB3DD



DE9A8A

Square

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



6BB3DD



D499BF



CFA278



78B896

Rectangle

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



6BB3DD



ADA4DB



CFA278



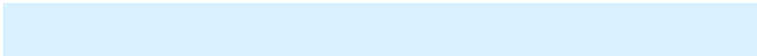
A2B17A

Sweetspot

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



6BB3DD



D9F1FF



6BDD95



697780



000000



808080

Same Dimension

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



6BB3DD



61C5FF



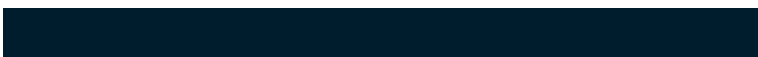
6B7ADD



636A6E



006EAD



001D2E

Inverse Universe

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



DD6BB3



FF61C5



DDCE6B



6E636A



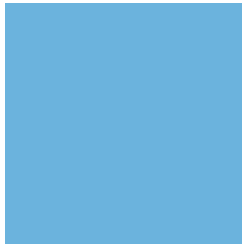
AD006E



2E001D

Previews

White Background



This preview shows how the Hex color 6BB3DD looks on a white background.

Color Contrast Check

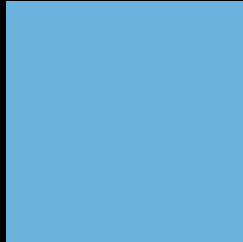
Large Text (above 18pt) WCAG AA × Fail

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 6BB3DD 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

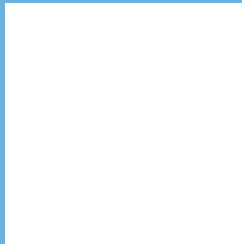
Any Text WCAG AAA ✓ Pass

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

Hex 6BB3DD Background



This preview shows how black text looks on a background with the Hex color 6BB3DD.

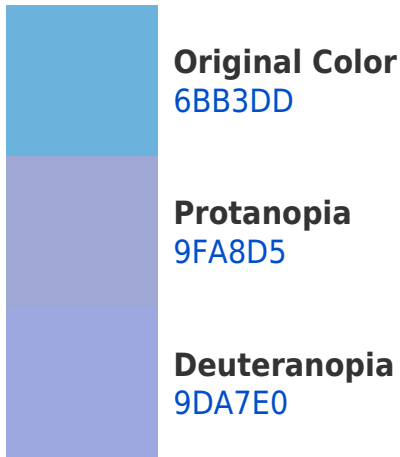


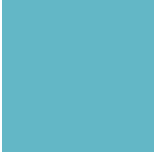
This preview shows how white text looks on a background with the Hex color 6BB3DD.

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](#).

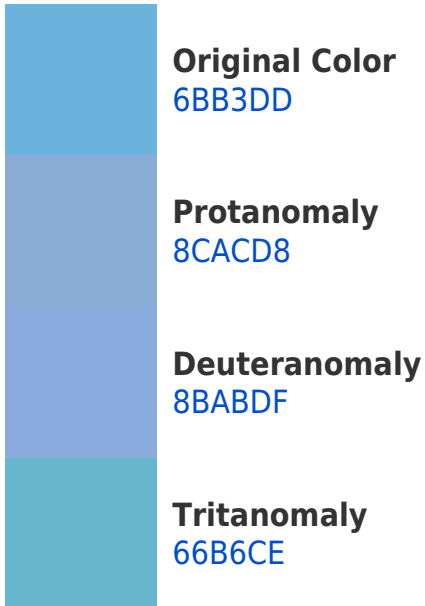
Dichromacy



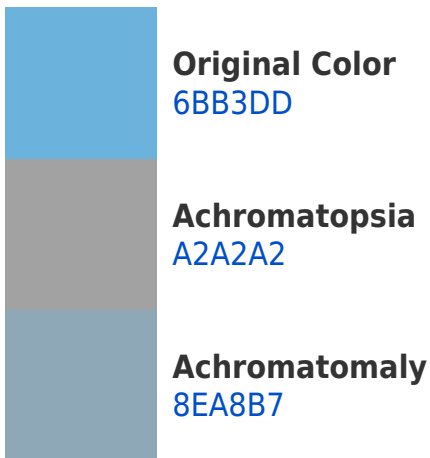


Tritanopia
63B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB3DD 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 #6BB3DD looks like.

```
.text, #text, p{  
    color:#6BB3DD  
}
```

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 #6BB3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB3DD  
}
```

Border

The CSS property to change the border of an element to Hex 6BB3DD 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  
#6BB3DD }
```

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

```
.border{ border-color:#6BB3DD }
```

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

Here you see how a box with a 4 pixel #6BB3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB3DD; -webkit-box-shadow:4px 4px  
4px 4px #6BB3DD; box-shadow:4px 4px 4px  
4px #6BB3DD }
```

Background

The CSS property to change the background color of an element to Hex 6BB3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB3DD }
```

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

```
.background{ background-color:#6BB3DD }
```

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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