

# Converting Colors

Hex(6CBEDD)

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

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# **Color**

**Hex(6CBEDD)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6CBEDD                      |
| RGB         | 108, 190, 221               |
| RGB Percent | 42%, 75%, 87%               |
| CMY         | 0.5765, 0.2549, 0.1333      |
| CMYK        | 0.51, 0.14, 0.00, 0.13      |
| HSL         | 196°, 62%, 65%              |
| HSV         | 196°, 51%, 87%              |
| XYZ         | 37.6489, 45.2355, 75.1536   |
| YIQ         | 169.0160, -58.8230, -7.7430 |

# Conversions

## Conversions Part 2

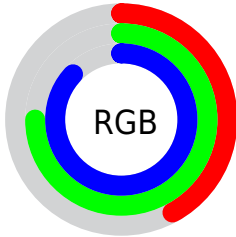
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">108, 156, 221</a>                              |
| Decimal                             | <a href="#">7126749</a>                                    |
| CIELab                              | <a href="#">73.05, -16.62, -23.22</a>                      |
| CIELCh                              | <a href="#">73, 28.555, 234.412</a>                        |
| Yxy                                 | <a href="#">45.2355, 0.2382, 0.2862</a>                    |
| Android<br>(android.graphics.Color) | <a href="#">4285316829</a><br><a href="#">(0xFF6CBEDD)</a> |
| YUV                                 | <a href="#">169.0160, 25.6281, -53.5110</a>                |
| Hunter-Lab                          | <a href="#">67.2574, -17.7806, -19.1707</a>                |

# Details

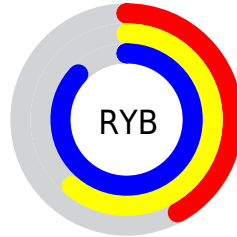
The Hex color **6CBEDD** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DD8B6C**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A6F6FF**, and **2E89A6** is the 20% darker color. If you saturate the color by 10%, you get **56B8DD**, and if you desaturate by 10%, it is **82C4DD**.

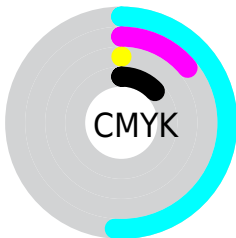
# Distribution



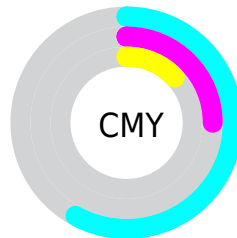
- Red (42%)
- Green (75%)
- Blue (87%)



- Red (42%)
- Yellow (61%)
- Blue (87%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (25%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 6CBEDD

 6CBEDD

FFFFFF

 4EA3C1


 A6F6FF

 2E89A6

 C3FFFF

 006F8B

 E0FFFF

 005772

FEFFFF

 003F59

 002942

 00152B

 000117

 000000

6CBEDD

6CBEDD

56B8DD

82C4DD

40B2DD

98CADD

2AACDD

AED0DD

14A6DD

C4D6DD

00A0DD

DBDCDD

F1E2DD

FFE8DD

FFEFDD

FFF5DD

# Harmonies

## Analogous

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



64C2C8



6CBEDD



8BB7E7

# Triad

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



6CBEDD



E3A1B9



B0B883

# Complementary

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



6CBEDD



DD8B6C

# 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.



CBB07F



6CBEDD



E8A19F

# Square

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



6CBEDD



D0A6D2



DFA78A



92BE94

# Rectangle

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



6CBEDD



A4B1E6



DFA78A



B9B680

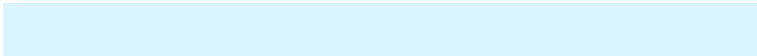


# Sweetspot

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



6CBEDD



D9F5FF



6CDD8A



697980



000000



808080



# Same Dimension

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



6CBEDD



63D4FF



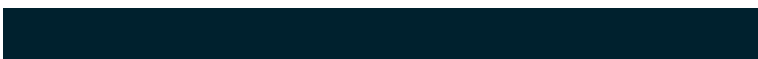
6C86DD



636B6E



007EAD



00212E



# Inverse Universe

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



DD6CBE



FF63D4



DDC36C



6E636B



AD007E

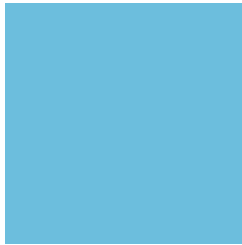


2E0021



# Previews

## White Background



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

## Color Contrast Check

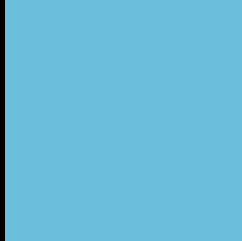
Large Text (above 18pt) WCAG AA × Fail

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 6CBEDD 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 6CBEDD Background



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

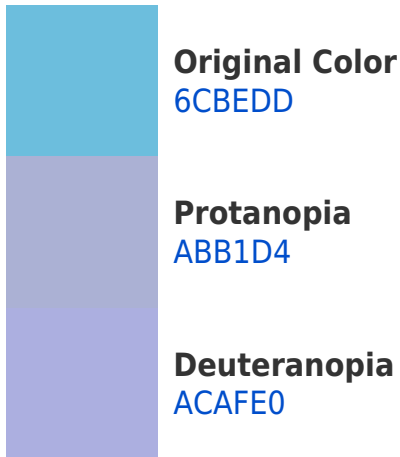


This preview shows how white text looks on a background with the Hex color 6CBEDD.

# 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](#).

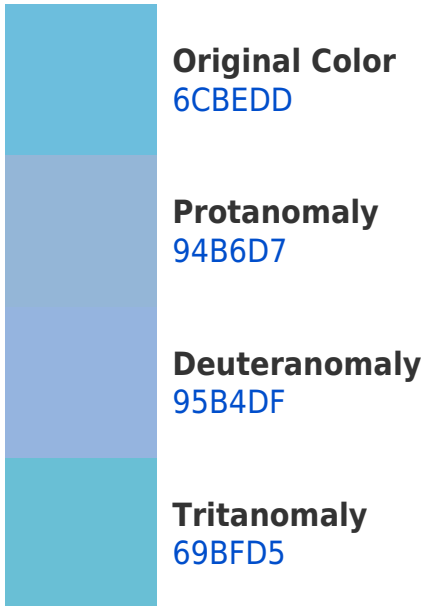
## Dichromacy



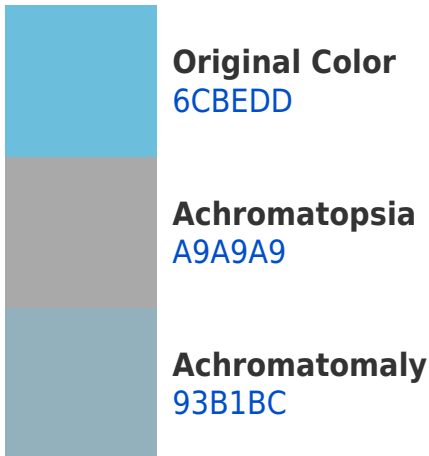


**Tritanopia**  
67C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6CBEDD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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