

Converting Colors

Hex(65BBCD)

Have a look what the booklet for
Hex(65BBCD) contains.

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Color

Hex(65BBCD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65BBCD |
| RGB | 101, 187, 205 |
| RGB Percent | 40%, 73%, 80% |
| CMY | 0.6039, 0.2667, 0.1961 |
| CMYK | 0.51, 0.09, 0.00, 0.20 |
| HSL | 190°, 51%, 60% |
| HSV | 190°, 51%, 80% |
| XYZ | 34.1566, 42.7151, 64.2022 |
| YIQ | 163.3380, -57.0340, -12.6340 |

Conversions

Conversions Part 2

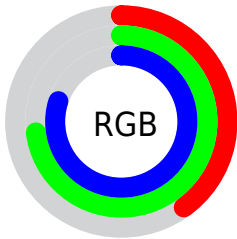
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 101, 148, 205 |
| Decimal | 6667213 |
| CIELab | 71.36, -21.08, -17.09 |
| CIELCh | 71, 27.133, 219.033 |
| Yxy | 42.7151, 0.2421, 0.3028 |
| Android (android.graphics.Color) | 4284857293 (0xFF65BBCD) |
| YUV | 163.3380, 20.5394, -54.6704 |
| Hunter-Lab | 65.3568, -21.0872, -12.4928 |

Details

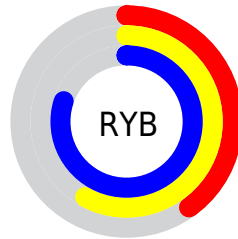
The Hex color **65BBCD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CD7765**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9EF3FF**, and **268697** is the 20% darker color. If you saturate the color by 10%, you get **51B7CD**, and if you desaturate by 10%, it is **7ABFCD**.

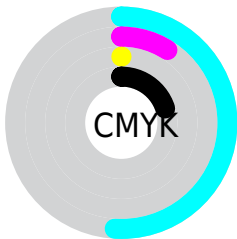
Distribution



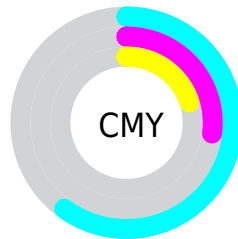
- Red (40%)
- Green (73%)
- Blue (80%)



- Red (40%)
- Yellow (58%)
- Blue (80%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65BBCD 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 65BBCD by changing the saturation by 10% instead.

 65BBCD

 65BBCD

FFFFFF

 48A0B2

 9EF3FF

 268697

 BBFFFF

 006C7D

 D9FFFF

 005464

 F6FFFF

 003C4C

 002635

 000B20

 000005

 000000

■ 65BBCD

■ 65BBCD

■ 51B7CD

■ 7ABFCD

■ 3CB4CD

■ 8EC2CD

■ 27B0CD

■ A3C6CD

■ 13ADCD

■ B7C9CD

■ 00AACD

■ CCCDCD

■ E0D0CD

■ F5D4CD

■ FFD7CD

■ FFDBCD

Harmonies

Analogous

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



6ABDB6



65BBCD



79B6DC

Triad

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



65BBCD



D59FC1



B9B07E

Complementary

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



65BBCD



CD7765

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.



D0A781



65BBCD



E09DA8

Square

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



65BBCD



BCA6D5



DEA091



9EB788

Rectangle

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



65BBCD



8FB1E0



DEA091



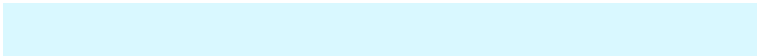
C1AD7D

Sweetspot

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



65BBCD



D9F8FF



65CD76



697C80



000000



808080

Same Dimension

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



65BBCD



63E4FF



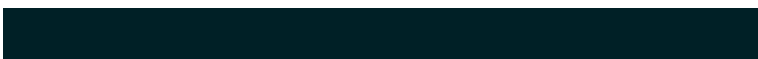
6588CD



5C6466



0089A6



002026

Inverse Universe

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



CD65BB



FF63E4



CDAA65



665C64



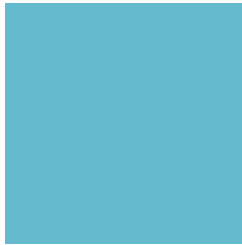
A60089



260020

Previews

White Background



This preview shows how the Hex color 65BBCD looks on a white background.

Color Contrast Check

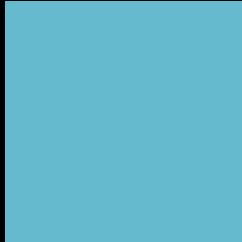
Large Text (above 18pt) WCAG AA × Fail

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 65BBBCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

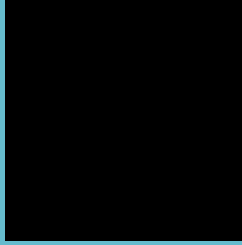
Any Text WCAG AA ✓ Pass

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 65BBCD Background



This preview shows how black text looks on a background with the Hex color 65BBCD.

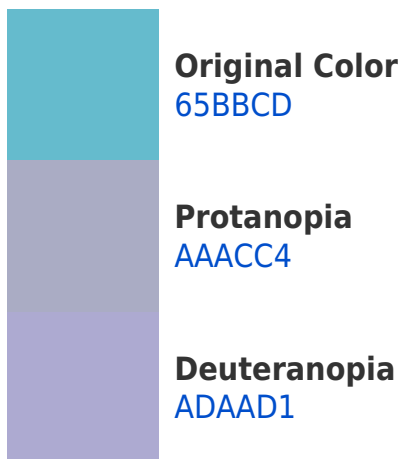


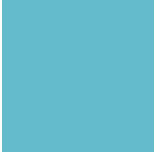
This preview shows how white text looks on a background with the Hex color 65BBCD.

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](#).

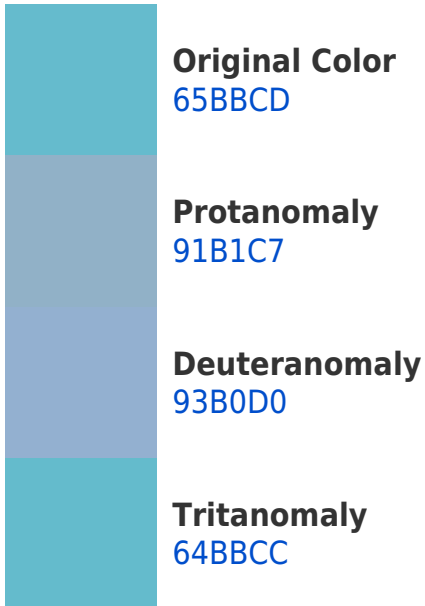
Dichromacy



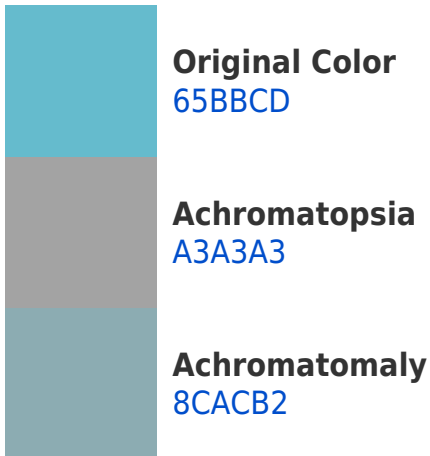


Tritanopia
64BBCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65BBCD 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 #65BBCD looks like.

```
.text, #text, p{  
    color:#65BBCD  
}
```

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 #65BBCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BBCD
}
```

Border

The CSS property to change the border of an element to Hex 65BBCD 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
#65BBCD }
```

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

```
.border{ border-color:#65BBCD }
```

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

Here you see how a box with a 4 pixel #65BBCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BBCD; -webkit-box-shadow:4px 4px  
4px 4px #65BBCD; box-shadow:4px 4px 4px  
4px #65BBCD }
```

Background

The CSS property to change the background color of an element to Hex 65BBCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BBCD }
```

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

```
.background{ background-color:#65BBCD }
```

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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