

Converting Colors

Hex(64B9CD)

Have a look what the booklet for
Hex(64B9CD) contains.

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Color

Hex(64B9CD)

Conversions

Conversions Part 1

Format	Color
Hex	64B9CD
RGB	100, 185, 205
RGB Percent	39%, 73%, 80%
CMY	0.6078, 0.2745, 0.1961
CMYK	0.51, 0.10, 0.00, 0.20
HSL	191°, 51%, 60%
HSV	191°, 51%, 80%
XYZ	33.6239, 41.8150, 64.0565
YIQ	161.8650, -57.0800, -11.8000

Conversions

Conversions Part 2

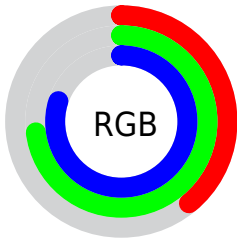
Format	Color
RYB	100, 147, 205
Decimal	6601165
CIELab	70.74, -20.27, -18.03
CIELCh	71, 27.126, 221.646
Yxy	41.8150, 0.2410, 0.2998
Android (android.graphics.Color)	4284791245 (0xFF64B9CD)
YUV	161.8650, 21.2656, -54.2556
Hunter-Lab	64.6645, -20.3474, -13.4674

Details

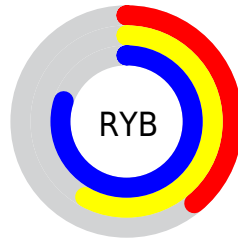
The Hex color **64B9CD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CD7864**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9DF1FF**, and **258497** is the 20% darker color. If you saturate the color by 10%, you get **50B5CD**, and if you desaturate by 10%, it is **79BDCD**.

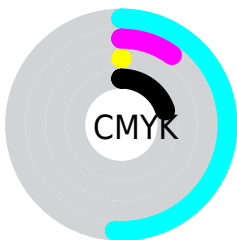
Distribution



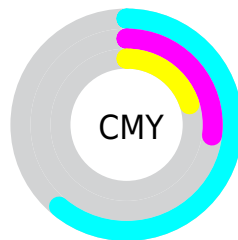
- Red (39%)
- Green (73%)
- Blue (80%)



- Red (39%)
- Yellow (58%)
- Blue (80%)



- Cyan (51%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (61%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B9CD 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 64B9CD by changing the saturation by 10% instead.

 64B9CD

 64B9CD

FFFFFF

 469EB2

 9DF1FF

 258497

 BAFFFF

 006A7D

 D8FFFF

 005264

 F5FFFF

 003B4C

 002535

 000720

 000005

 000000

■ 64B9CD

■ 64B9CD

■ 50B5CD

■ 79BDCD

■ 3BB1CD

■ 8DC1CD

■ 27ADCD

■ A2C5CD

■ 12A9CD

■ B6C9CD

■ 00A6CD

■ CBCDCD

■ DFD0CD

■ F3D4CD

■ FFD8CD

■ FFDCCD

Harmonies

Analogous

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



67BBB6



64B9CD



7AB4DB

Triad

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



64B9CD



D49DBD



B5AF7D

Complementary

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



64B9CD



CD7864

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.



CCA67F



64B9CD



DF9BA4

Square

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



64B9CD



BDA3D2



DB9F8D



9AB588

Rectangle

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



64B9CD



90AFDE



DB9F8D



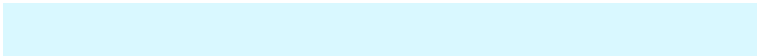
BEAC7C

Sweetspot

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



64B9CD



D9F8FF



64CD77



697B80



000000



808080

Same Dimension

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



64B9CD



63E1FF



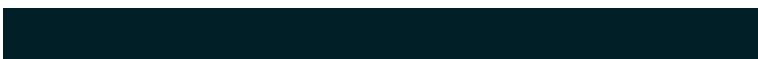
6485CD



5C6466



0086A6



001F26

Inverse Universe

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



CD64B9



FF63E1



CDAC64



665C64



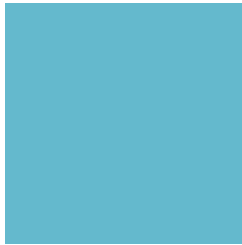
A60086



26001F

Previews

White Background



This preview shows how the Hex color 64B9CD looks on a white background.

Color Contrast Check

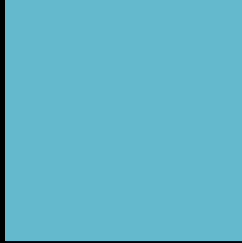
Large Text (above 18pt) WCAG AA × Fail

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 64B9CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

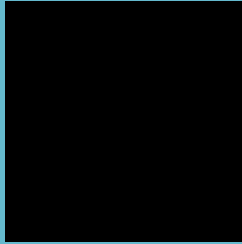
Any Text WCAG AA ✓ Pass

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 64B9CD Background



This preview shows how black text looks on a background with the Hex color 64B9CD.

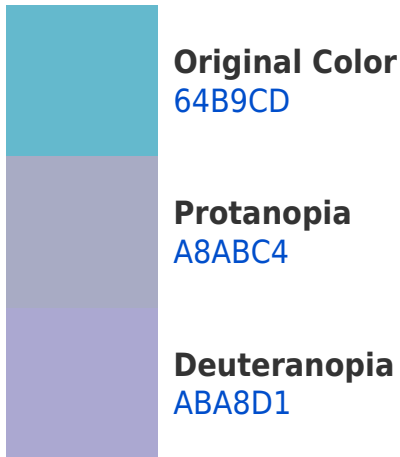


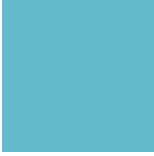
This preview shows how white text looks on a background with the Hex color 64B9CD.

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](#).

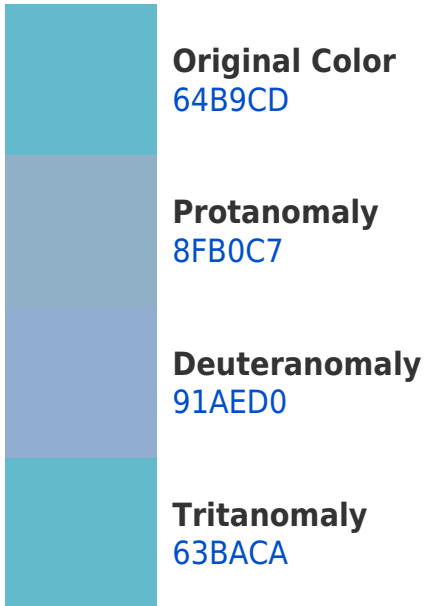
Dichromacy



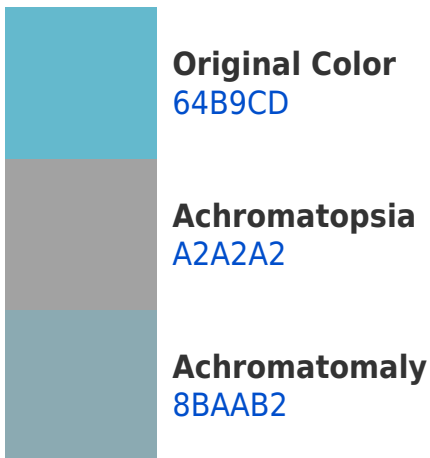


Tritanopia
63BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B9CD 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 #64B9CD looks like.

```
.text, #text, p{  
    color:#64B9CD  
}
```

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 #64B9CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B9CD
}
```

Border

The CSS property to change the border of an element to Hex 64B9CD 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
#64B9CD }
```

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

```
.border{ border-color:#64B9CD }
```

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

Here you see how a box with a 4 pixel #64B9CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B9CD; -webkit-box-shadow:4px 4px  
4px 4px #64B9CD; box-shadow:4px 4px 4px  
4px #64B9CD }
```

Background

The CSS property to change the background color of an element to Hex 64B9CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B9CD }
```

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

```
.background{ background-color:#64B9CD }
```

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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