

Converting Colors

Hex(64BDC5)

Have a look what the booklet for
Hex(64BDC5) contains.

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Color

Hex(64BDC5)

Conversions

Conversions Part 1

Format	Color
Hex	64BDC5
RGB	100, 189, 197
RGB Percent	39%, 74%, 77%
CMY	0.6078, 0.2588, 0.2275
CMYK	0.49, 0.04, 0.00, 0.23
HSL	185°, 46%, 58%
HSV	185°, 49%, 77%
XYZ	33.5312, 43.1357, 59.3821
YIQ	163.3010, -55.6120, -16.3800

Conversions

Conversions Part 2

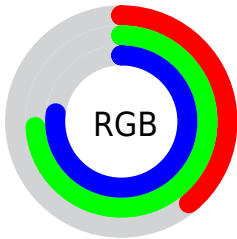
Format	Color
RYB	100, 146, 197
Decimal	6602181
CIELab	71.65, -24.49, -12.29
CIELCh	72, 27.401, 206.644
Yxy	43.1357, 0.2465, 0.3171
Android (android.graphics.Color)	4284792261 (0xFF64BDC5)
YUV	163.3010, 16.6136, -55.5150
Hunter-Lab	65.6778, -23.8047, -7.6321

Details

The Hex color **64BDC5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C56C64**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9DF6FE**, and **26878F** is the 20% darker color. If you saturate the color by 10%, you get **50BBC5**, and if you desaturate by 10%, it is **78BFC5**.

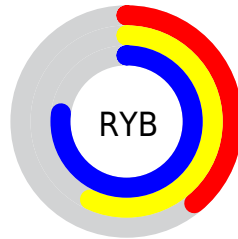
Distribution



Red (39%)

Green (74%)

Blue (77%)



Red (39%)

Yellow (57%)

Blue (77%)

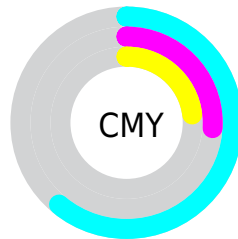


Cyan (49%)

Magenta (4%)

Yellow (0%)

Black (23%)



Cyan (61%)

Magenta (26%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64BDC5 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 64BDC5 by changing the saturation by 10% instead.

 64BDC5

 64BDC5

FFFFFF

 47A2AA

 9DF6FE

 26878F

 BAFFFF

 006E76

 D7FFFF

 00555D

 F5FFFF

 003E45

 00272F

 000D1B

 000000

 64BDC5

 64BDC5

50BBC5

78BFC5

3DBAC5

8BC0C5

29B8C5

9FC2C5

15B7C5

B3C3C5

01B5C5

C7C5C5

00B5C5

DAC7C5

EEC8C5

FFCAC5

FFCCC5

Harmonies

Analogous

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



73BDAC



64BDC5



6EB9D8

Triad

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



64BDC5



CDA2CB



C4AD7E

Complementary

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



64BDC5



C56C64

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.



D8A587



64BDC5



DE9DB3

Square

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



64BDC5



B0AADC



E29F9A



AAB582

Rectangle

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



64BDC5



81B5E0



E29F9A



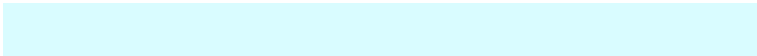
CCAA7F

Sweetspot

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



64BDC5



D9FCFF



64C56A



697E80



000000



808080

Same Dimension

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



64BDC5



69F3FF



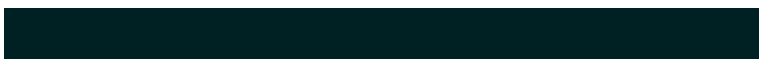
648EC5



5A6363



0096A3



002124

Inverse Universe

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



C564BD



FF69F3



C59B64



635A63



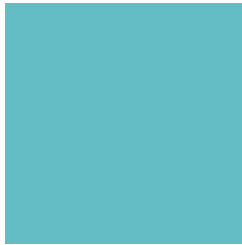
A30096



240021

Previews

White Background



This preview shows how the Hex color 64BDC5 looks on a white background.

Color Contrast Check

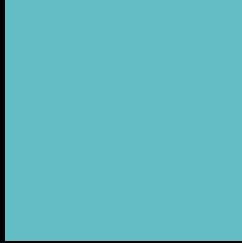
Large Text (above 18pt) WCAG AA × Fail

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 64BDC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

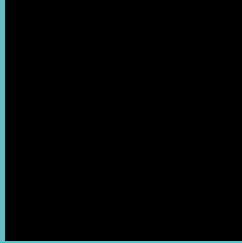
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

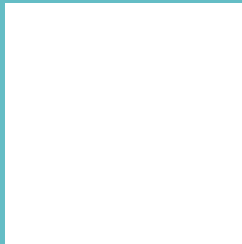
Any Text WCAG AAA ✓ Pass

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

Hex 64BDC5 Background



This preview shows how black text looks on a background with the Hex color 64BDC5.

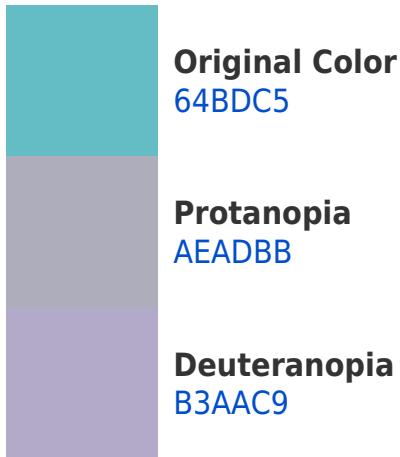


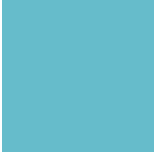
This preview shows how white text looks on a background with the Hex color 64BDC5.

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

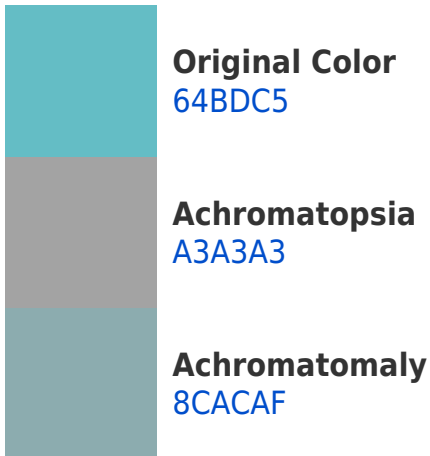




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64BDC5 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 #64BDC5 looks like.

```
.text, #text, p{  
    color:#64BDC5  
}
```

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 #64BDC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64BDC5
}
```

Border

The CSS property to change the border of an element to Hex 64BDC5 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
#64BDC5 }
```

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

```
.border{ border-color:#64BDC5 }
```

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

Here you see how a box with a 4 pixel #64BDC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64BDC5; -webkit-box-shadow:4px 4px  
4px 4px #64BDC5; box-shadow:4px 4px 4px  
4px #64BDC5 }
```

Background

The CSS property to change the background color of an element to Hex 64BDC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64BDC5 }
```

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

```
.background{ background-color:#64BDC5 }
```

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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