

Converting Colors

Hex(64CCCE)

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

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Color

Hex(64CCCE)

Conversions

Conversions Part 1

Format	Color
Hex	64CCCE
RGB	100, 204, 206
RGB Percent	39%, 80%, 81%
CMY	0.6078, 0.2000, 0.1922
CMYK	0.51, 0.01, 0.00, 0.19
HSL	181°, 52%, 60%
HSV	181°, 51%, 81%
XYZ	37.9890, 50.3513, 66.1091
YIQ	173.1320, -62.6260, -21.4260

Conversions

Conversions Part 2

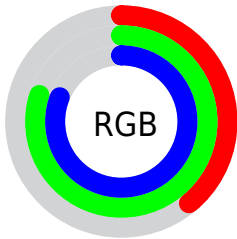
Format	Color
RYB	100, 152, 206
Decimal	6606030
CIELab	76.28, -29.47, -10.24
CIELCh	76, 31.200, 199.167
Yxy	50.3513, 0.2460, 0.3260
Android (android.graphics.Color)	4284796110 (0xFF64CCCE)
YUV	173.1320, 16.2039, -64.1368
Hunter-Lab	70.9586, -28.6145, -5.5668

Details

The Hex color **64CCCE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE6664**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9FFFFFF**, and **209598** is the 20% darker color. If you saturate the color by 10%, you get **4FCCCE**, and if you desaturate by 10%, it is **79CCCE**.

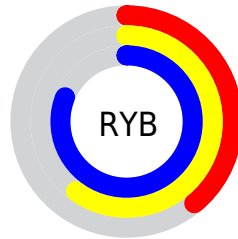
Distribution



Red (39%)

Green (80%)

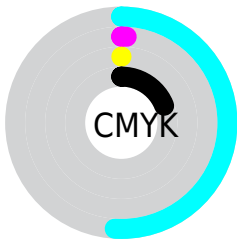
Blue (81%)



Red (39%)

Yellow (60%)

Blue (81%)

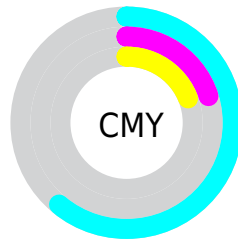


Cyan (51%)

Magenta (1%)

Yellow (0%)

Black (19%)



Cyan (61%)

Magenta (20%)

Yellow (19%)

Brightness & Saturation Gradients

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

 64CCCE

 64CCCE

FFFFFF

 45B0B3

 9FFFFFF

 209598

 BCFFFF

 007B7E

 D9FFFF

 006265

 F7FFFF

 004A4D

 003236

 001F21

 000009

 000000

■ 64CCCE

■ 64CCCE

■ 4FCCCE

■ 79CCCE

■ 3BCBCE

■ 8DCDCE

■ 26CBCE

■ A2CDCE

■ 12CACE

■ B6CECE

■ 00CACE

■ CBCECE

■ E0CECE

■ F4CFCE

■ FFCFCE

Harmonies

Analogous

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



7CCBB0



64CCCE



67C9E7

Triad

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



64CCCE



D7AEE2



DAB784

Complementary

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



64CCCE



CE6664

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.



EFAD92



64CCCE



EEA8C8

Square

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



64CCCE



B2B8F2



F6A7AB



BEC085

Rectangle

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



64CCCE



7BC5F1



F6A7AB



E2B387

Sweetspot

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



64CCCE



D9FEFF



64CE66



697F80



000000



808080

Same Dimension

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



64CCCE



61FCFF



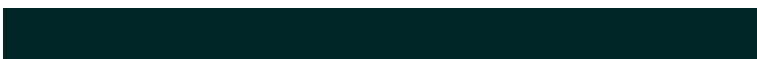
6497CE



5C6666



00A3A6



002626

Inverse Universe

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



CE64CC



FF61FC



CE9B64



665C66



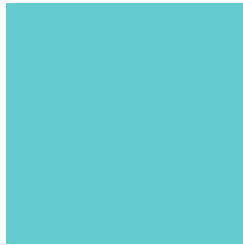
A600A3



260026

Previews

White Background



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

Color Contrast Check

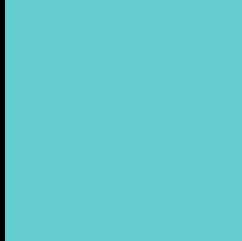
Large Text (above 18pt) WCAG AA × Fail

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 64CCCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

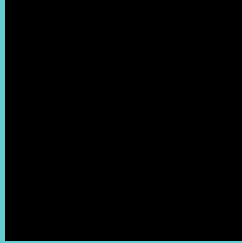
Any Text WCAG AA ✓ Pass

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 64CCCE Background



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

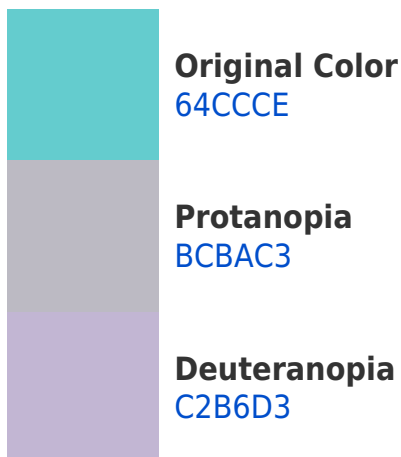


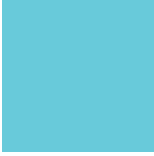
This preview shows how white text looks on a background with the Hex color 64CCCE.

Color Blindness Simulation

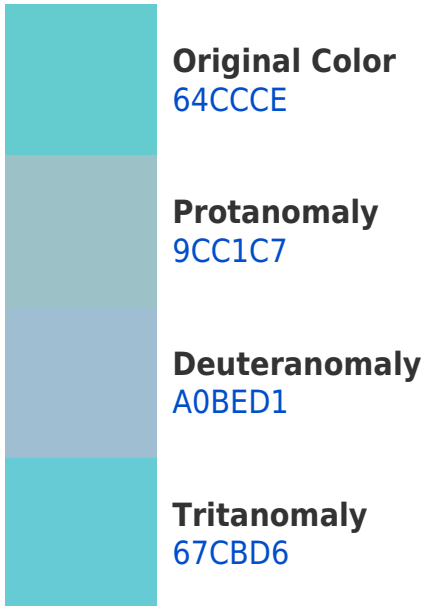
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #64CCCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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