

Converting Colors

Hex(64CBBA)

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

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Color

Hex(64CBBA)

Conversions

Conversions Part 1

Format	Color
Hex	64CBBA
RGB	100, 203, 186
RGB Percent	39%, 80%, 73%
CMY	0.6078, 0.2039, 0.2706
CMYK	0.51, 0.00, 0.08, 0.20
HSL	170°, 50%, 59%
HSV	170°, 51%, 80%
XYZ	35.4744, 48.9664, 54.0361
YIQ	170.2650, -55.9310, -27.1230

Conversions

Conversions Part 2

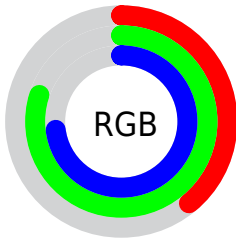
Format	Color
RYB	100, 156, 203
Decimal	6605754
CIELab	75.43, -34.10, -0.71
CIElCh	75, 34.110, 181.187
Yxy	48.9664, 0.2562, 0.3536
Android (android.graphics.Color)	4284795834 (0xFF64CBBA)
YUV	170.2650, 7.7574, -61.6224
Hunter-Lab	69.9760, -31.9672, 3.1989

Details

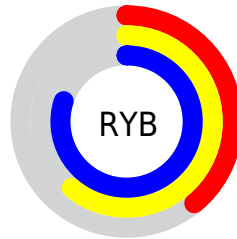
The Hex color **64CBBA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CB6475**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **9EFFF2**, and **249485** is the 20% darker color. If you saturate the color by 10%, you get **50CBB7**, and if you desaturate by 10%, it is **78CBBD**.

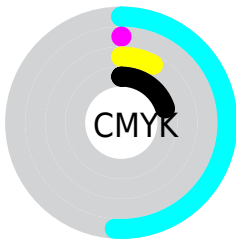
Distribution



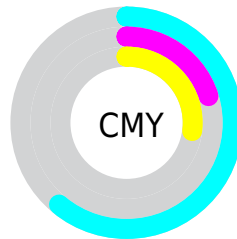
- Red (39%)
- Green (80%)
- Blue (73%)



- Red (39%)
- Yellow (61%)
- Blue (80%)



- Cyan (51%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



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

Brightness & Saturation Gradients

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

 64CBBA

 64CBBA

FFFFFF

 46AF9F

 9EFFF2

 249485

 BBFFFF

 007A6C

 D8FFFF

 006154

 F6FFFF

 00483D

 003127

 001C12

 000000

 64CBBA

 64CBBA

 50CBB7

 78CBBD

 3BCBB3

 8DCBC1

 27CBB0

 A1CBC4

 13CBAD

 B5CBC7

 00CBA9

 CACBCB

 DECBCE

 F2CBD1

 FFCBD5

 FFCBD8

Harmonies

Analogous

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



88C89B



64CBBA



4FCAD9

Triad

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



64CBBA



C0B1F0



E8AD84

Complementary

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



64CBBA



CB6475

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.



F7A59B



64CBBA



E3A7D9

Square

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



64CBBA



91BCF8



F6A2BA



CEB87B

Rectangle

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



64CBBA



59C7EA



F6A2BA



EFAA8A

Sweetspot

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



64CBBA



D9FFF9



75CB64



69807C



000000



808080

Same Dimension

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



64CBBA



63FFE5



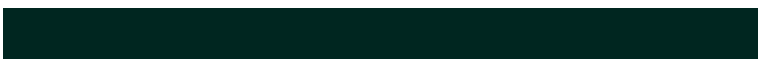
64A9CB



5C6664



00A68A



002620

Inverse Universe

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



CB6475



FF637D



CB8664



665C5D



A6001B



260006

Previews

White Background



This preview shows how the Hex color 64CBBA 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 64CBBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

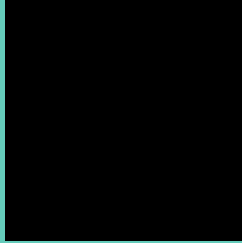
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

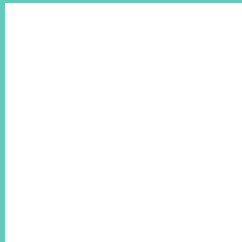
Any Text WCAG AAA ✓ Pass

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

Hex 64CBBA Background



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



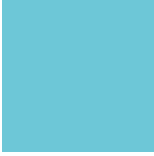
This preview shows how white text looks on a background with the Hex color 64CBBA.

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
6DC7D7

Trichromacy



Original Color
64CBBA



Protanomaly
9DBFB3



Deuteranomaly
A4BCBD

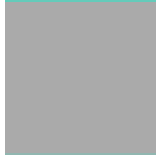


Tritanomaly
6AC8CC

Monochromacy



Original Color
64CBBA



Achromatopsia
AAAAAA



Achromatomaly
91B6B0

CSS Examples

Text

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

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

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 #64CBBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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