

Converting Colors

Hex(64CBBC)

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

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Color

Hex(64CBBC)

Conversions

Conversions Part 1

Format	Color
Hex	64CBBC
RGB	100, 203, 188
RGB Percent	39%, 80%, 74%
CMY	0.6078, 0.2039, 0.2627
CMYK	0.51, 0.00, 0.07, 0.20
HSL	171°, 50%, 59%
HSV	171°, 51%, 80%
XYZ	35.6886, 49.0520, 55.1640
YIQ	170.4930, -56.5730, -26.5010

Conversions

Conversions Part 2

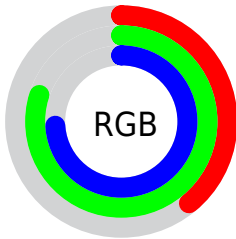
Format	Color
RYB	100, 156, 203
Decimal	6605756
CIELab	75.48, -33.61, -1.71
CIElCh	75, 33.652, 182.910
Yxy	49.0520, 0.2551, 0.3506
Android (android.graphics.Color)	4284795836 (0xFF64CBBC)
YUV	170.4930, 8.6310, -61.8224
Hunter-Lab	70.0372, -31.6075, 2.3269

Details

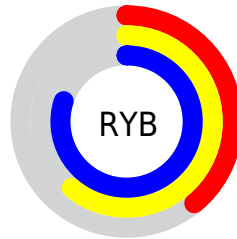
The Hex color **64CBBC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CB6473**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **9EFFF4**, and **249487** is the 20% darker color. If you saturate the color by 10%, you get **50CBB9**, and if you desaturate by 10%, it is **78CBBF**.

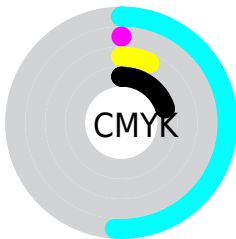
Distribution



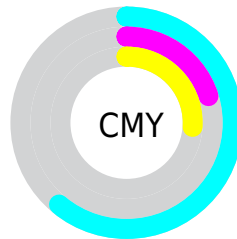
- Red (39%)
- Green (80%)
- Blue (74%)



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



- Cyan (51%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (61%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 64CBBC

 64CBBC

FFFFFF

 46AFA1

 9EFFF4

 249487

 BBFFFF

 007A6E

 D8FFFF

 006155

 F6FFFF

 00483E

 003128

 001C14

 000000

 64CBBC

 64CBBC

 50CBB9

 78CBBF

 3BCBB6

 8DCBC2

 27CBB3

 A1CBC5

 13CBB0

 B5CBC8

 00CBAD

 CACBCB

 DECBCE

 F2CBD1

 FFCBD4

 FFCBD7

Harmonies

Analogous

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



87C89D



64CBBC



52CADB

Triad

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



64CBBC



C2B1EE



E7AE84

Complementary

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



64CBBC



CB6473

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.



F6A69A



64CBBC



E4A7D7

Square

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



64CBBC



95BCF7



F6A3B8



CDB97C

Rectangle

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



64CBBC



5DC7EA



F6A3B8



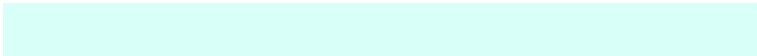
EDAB8A

Sweetspot

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



64CBBC



D9FFF9



73CB64



69807C



000000



808080

Same Dimension

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



64CBBC



63FFE8



64A7CB



5C6665



00A68E



002621

Inverse Universe

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



CB6473



FF637A



CB8864



665C5D



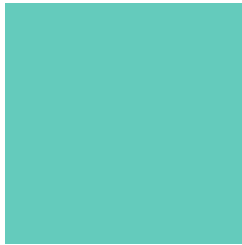
A60018



260006

Previews

White Background



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

Color Contrast Check

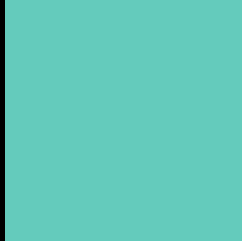
Large Text (above 18pt) WCAG AA × Fail

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 64CBBC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

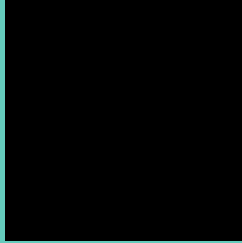
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

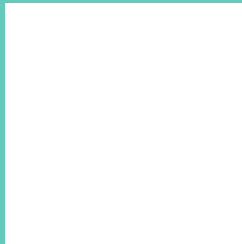
Any Text WCAG AAA ✓ Pass

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

Hex 64CBBC Background



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



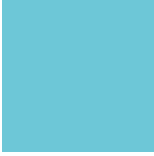
This preview shows how white text looks on a background with the Hex color 64CBBC.

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](#).

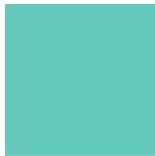
Dichromacy





Tritanopia
6DC7D7

Trichromacy



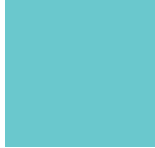
Original Color
64CBBC



Protanomaly
9DBFB5



Deuteranomaly
A3BCBF

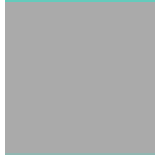


Tritanomaly
6AC8CD

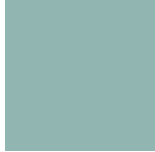
Monochromacy



Original Color
64CBBC



Achromatopsia
AAAAAA



Achromatomaly
91B6B1

CSS Examples

Text

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

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

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 #64CBBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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