

Converting Colors

Hex(64CDB8)

Have a look what the booklet for
Hex(64CDB8) contains.

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Color

Hex(64CDB8)

Conversions

Conversions Part 1

Format	Color
Hex	64CDB8
RGB	100, 205, 184
RGB Percent	39%, 80%, 72%
CMY	0.6078, 0.1961, 0.2784
CMYK	0.51, 0.00, 0.10, 0.20
HSL	168°, 51%, 60%
HSV	168°, 51%, 80%
XYZ	35.7386, 49.8327, 53.0824
YIQ	171.2110, -55.8390, -28.7910

Conversions

Conversions Part 2

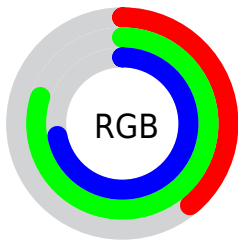
Format	Color
RYB	100, 158, 205
Decimal	6606264
CIELab	75.97, -35.52, 1.15
CIELCh	76, 35.540, 178.138
Yxy	49.8327, 0.2578, 0.3594
Android (android.graphics.Color)	4284796344 (0xFF64CDB8)
YUV	171.2110, 6.3050, -62.4520
Hunter-Lab	70.5923, -33.1676, 4.8310

Details

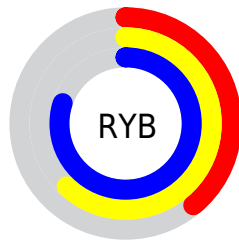
The Hex color **64CDB8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CD6479**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9EFFF0**, and **249683** is the 20% darker color. If you saturate the color by 10%, you get **50CDB4**, and if you desaturate by 10%, it is **79CDBC**.

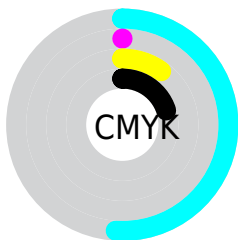
Distribution



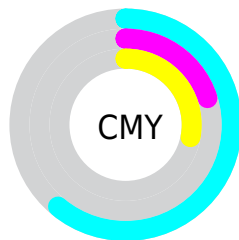
- Red (39%)
- Green (80%)
- Blue (72%)



- Red (39%)
- Yellow (62%)
- Blue (80%)



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



- Cyan (61%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64CDB8 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 64CDB8 by changing the saturation by 10% instead.

 64CDB8

 64CDB8

FFFFFF

 46B19D

 9EFFF0

 249683

 BBFFFF

 007C6A

 D8FFFF

 006252

 F6FFFF

 004A3B

 003225

 001E11

 000000

 64CDB8

 64CDB8

 50CDB4

 79CDBC

 3BCDB0

 8DCDC0

 27CDAC

 A2CDC4

 12CDA8

 B6CDC8

 00CDA4

 CBCDCD

 DFCDD1

 F3CDD5

 FFCDD9

 FFCDDD

Harmonies

Analogous

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



8BCA98



64CDB8



49CCD9

Triad

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



64CDB8



BDB4F5



EEAD85

Complementary

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



64CDB8



CD6479

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.



FBA59E



64CDB8



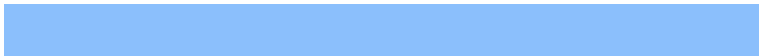
E3A9DE

Square

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



64CDB8



8BBFFC



F9A3BF



D4B97A

Rectangle

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



64CDB8



50CAEB



F9A3BF



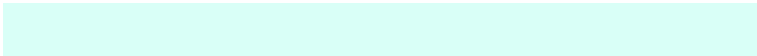
F4AA8C

Sweetspot

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



64CDB8



D9FFF7



79CD64



69807B



000000



808080

Same Dimension

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



64CDB8



63FFE0



64ADCD



5C6664



00A685



00261F

Inverse Universe

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



CD6479



FF6383



CD8464



665C5E



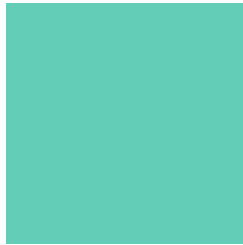
A60021



260008

Previews

White Background



This preview shows how the Hex color 64CDB8 looks on a white background.

Color Contrast Check

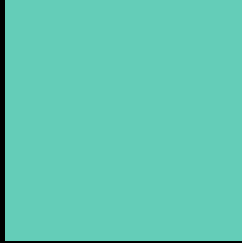
Large Text (above 18pt) WCAG AA × Fail

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 64CDB8 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 64CDB8 Background



This preview shows how black text looks on a background with the Hex color 64CDB8.

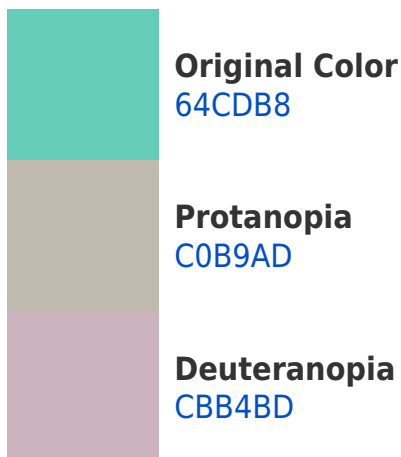


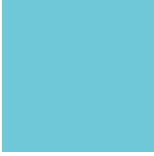
This preview shows how white text looks on a background with the Hex color 64CDB8.

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
6EC8D8

Trichromacy



Original Color
64CDB8



Protanomaly
9FC0B1



Deuteranomaly
A6BDBB

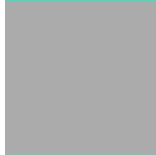


Tritanomaly
6ACACC

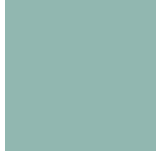
Monochromacy



Original Color
64CDB8



Achromatopsia
ABABAB



Achromatomaly
91B7B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 64CDB8 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 #64CDB8 looks like.

```
.text, #text, p{  
    color:#64CDB8  
}
```

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 #64CDB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64CDB8  
}
```

Border

The CSS property to change the border of an element to Hex 64CDB8 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  
#64CDB8 }
```

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

```
.border{ border-color:#64CDB8 }
```

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

Here you see how a box with a 4 pixel #64CDB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64CDB8; -webkit-box-shadow:4px 4px  
4px 4px #64CDB8; box-shadow:4px 4px 4px  
4px #64CDB8 }
```

Background

The CSS property to change the background color of an element to Hex 64CDB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64CDB8 }
```

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

```
.background{ background-color:#64CDB8 }
```

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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