

Converting Colors

Hex(64C8C2)

Have a look what the booklet for
Hex(64C8C2) contains.

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Color

Hex(64C8C2)

Conversions

Conversions Part 1

Format	Color
Hex	64C8C2
RGB	100, 200, 194
RGB Percent	39%, 78%, 76%
CMY	0.6078, 0.2157, 0.2392
CMYK	0.50, 0.00, 0.03, 0.22
HSL	176°, 48%, 59%
HSV	176°, 50%, 78%
XYZ	35.6474, 47.9129, 58.4082
YIQ	169.4160, -57.6740, -23.0660

Conversions

Conversions Part 2

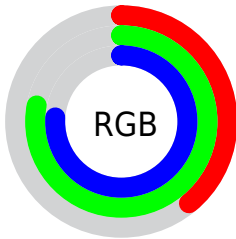
Format	Color
RYB	100, 152, 200
Decimal	6604994
CIELab	74.77, -30.67, -6.01
CIElCh	75, 31.254, 191.078
Yxy	47.9129, 0.2511, 0.3375
Android (android.graphics.Color)	4284795074 (0xFF64C8C2)
YUV	169.4160, 12.1199, -60.8778
Hunter-Lab	69.2192, -29.2072, -1.5764

Details

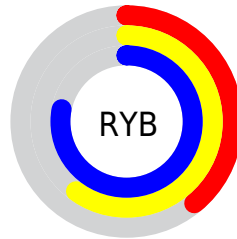
The Hex color **64C8C2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C8646A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9EFFFFA**, and **24928C** is the 20% darker color. If you saturate the color by 10%, you get **50C8C1**, and if you desaturate by 10%, it is **78C8C3**.

Distribution



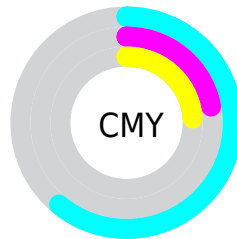
- Red (39%)
- Green (78%)
- Blue (76%)



- Red (39%)
- Yellow (60%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64C8C2 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 64C8C2 by changing the saturation by 10% instead.

 64C8C2

 64C8C2

FFFFFF

 46ACA7

 9EFFFF

 24928C

 BBFFFF

 007873

 D8FFFF

 005E5B

 F6FFFF

 004643

 002F2D

 001A19

 000000

 64C8C2

 64C8C2

 50C8C1

 78C8C3

 3CC8C0

 8CC8C4

 28C8BE

 A0C8C6

 14C8BD

 B4C8C7

 00C8BC

 C8C8C8

 DCC8C9

 F0C8CA

 FFC8CC

 FFC8CD

Harmonies

Analogous

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



80C6A4



64C8C2



5EC6DD

Triad

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



64C8C2



CAADE3



DCB082

Complementary

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



64C8C2



C8646A

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.



EEA794



64C8C2



E5A5CB

Square

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



64C8C2



A2B7F0



F1A3AE



C2BA7F

Rectangle

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



64C8C2



6DC2EA



F1A3AE



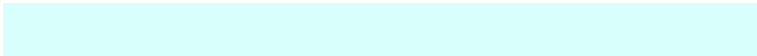
E3AD87

Sweetspot

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



64C8C2



D9FFFD



6BC864



69807E



000000



808080

Same Dimension

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



64C8C2



66FFF6



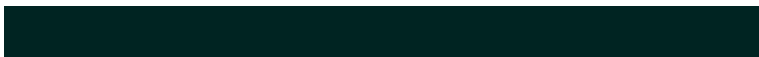
649DC8



5A6363



00A399



002422

Inverse Universe

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



C8646A



FF666F



C88F64



635A5A



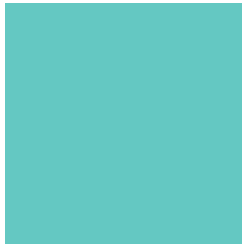
A3000A



240002

Previews

White Background



This preview shows how the Hex color 64C8C2 looks on a white background.

Color Contrast Check

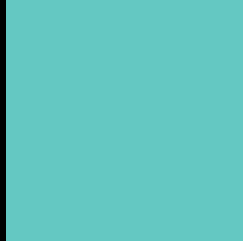
Large Text (above 18pt) WCAG AA × Fail

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 64C8C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

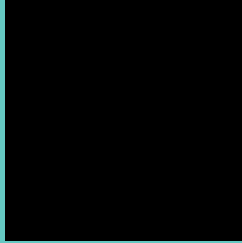
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

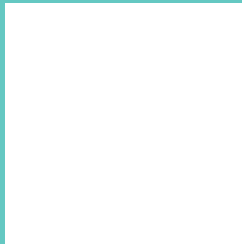
Any Text WCAG AAA ✓ Pass

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

Hex 64C8C2 Background



This preview shows how black text looks on a background with the Hex color 64C8C2.

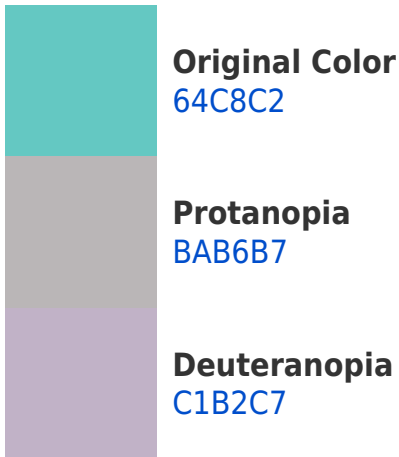


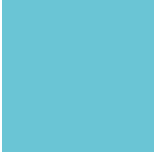
This preview shows how white text looks on a background with the Hex color 64C8C2.

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](#).

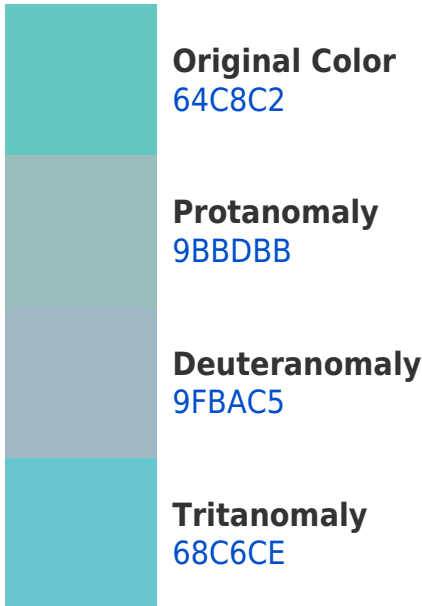
Dichromacy



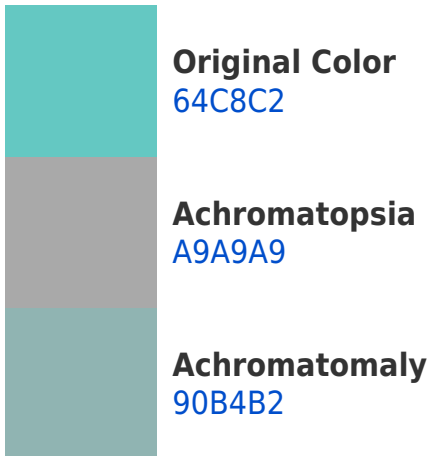


Tritanopia
6AC5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64C8C2 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 #64C8C2 looks like.

```
.text, #text, p{  
    color:#64C8C2  
}
```

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 #64C8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C8C2
}
```

Border

The CSS property to change the border of an element to Hex 64C8C2 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
#64C8C2 }
```

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

```
.border{ border-color:#64C8C2 }
```

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

Here you see how a box with a 4 pixel #64C8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C8C2; -webkit-box-shadow:4px 4px  
4px 4px #64C8C2; box-shadow:4px 4px 4px  
4px #64C8C2 }
```

Background

The CSS property to change the background color of an element to Hex 64C8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C8C2 }
```

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

```
.background{ background-color:#64C8C2 }
```

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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