

Converting Colors

Hex(64C2C8)

Have a look what the booklet for
Hex(64C2C8) contains.

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Color

Hex(64C2C8)

Conversions

Conversions Part 1

Format	Color
Hex	64C2C8
RGB	100, 194, 200
RGB Percent	39%, 76%, 78%
CMY	0.6078, 0.2392, 0.2157
CMYK	0.50, 0.03, 0.00, 0.22
HSL	184°, 48%, 59%
HSV	184°, 50%, 78%
XYZ	34.9726, 45.4630, 61.5756
YIQ	166.5780, -57.9500, -18.0620

Conversions

Conversions Part 2

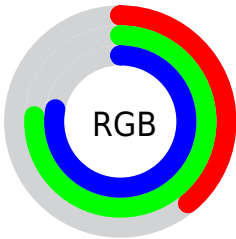
Format	Color
RYB	100, 148, 200
Decimal	6603464
CIELab	73.20, -26.18, -11.61
CIELCh	73, 28.633, 203.911
Yxy	45.4630, 0.2463, 0.3201
Android (android.graphics.Color)	4284793544 (0xFF64C2C8)
YUV	166.5780, 16.4770, -58.3889
Hunter-Lab	67.4263, -25.4117, -6.9469

Details

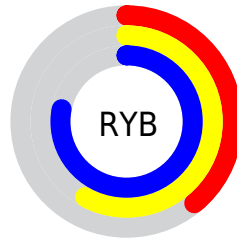
The Hex color **64C2C8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C86A64**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **9EFBFF**, and **248C92** is the 20% darker color. If you saturate the color by 10%, you get **50C1C8**, and if you desaturate by 10%, it is **78C3C8**.

Distribution



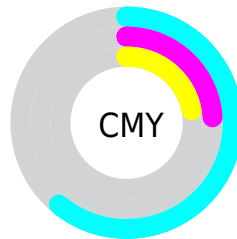
- Red (39%)
- Green (76%)
- Blue (78%)



- Red (39%)
- Yellow (58%)
- Blue (78%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 64C2C8 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 64C2C8 by changing the saturation by 10% instead.

 64C2C8

 64C2C8

FFFFFF

 46A7AD

 9EFBFF

 248C92

 BBFFFF

 007278

 D8FFFF

 005960

 F6FFFF

 004248

 002B32

 00141D

 000000

 64C2C8

 64C2C8

 50C1C8

 78C3C8

 3CC0C8

 8CC4C8

 28BEC8

 A0C6C8

 14BDC8

 B4C7C8

 00BCC8

 C8C8C8

 DCC9C8

 F0CAC8

 FFCCC8

 FFCDC8

Harmonies

Analogous

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



76C2AD



64C2C8



6CBFDD

Triad

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



64C2C8



D0A6D3



CCB080

Complementary

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



64C2C8



C86A64

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.



E0A88A



64C2C8



E4A1BA

Square

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



64C2C8



B0AFE4



E9A2A0



B1B983

Rectangle

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



64C2C8



7FBAE5



E9A2A0



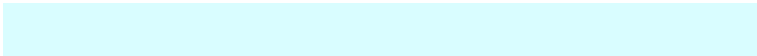
D3AD82

Sweetspot

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



64C2C8



D9FDFD



64C869



697E80



000000



808080

Same Dimension

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



64C2C8



66F6FF



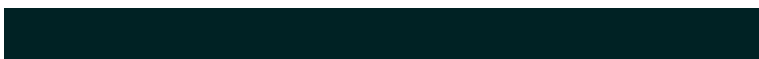
6491C8



5A6363



0099A3



002224

Inverse Universe

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



C864C2



FF66F6



C89B64



635A63



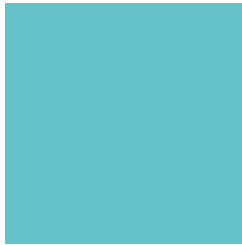
A30099



240022

Previews

White Background



This preview shows how the Hex color 64C2C8 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 64C2C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

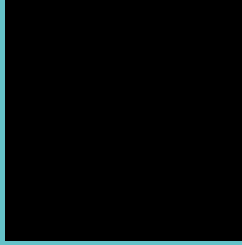
Any Text WCAG AA ✓ Pass

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 64C2C8 Background



This preview shows how black text looks on a background with the Hex color 64C2C8.



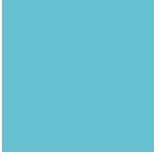
This preview shows how white text looks on a background with the Hex color 64C2C8.

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



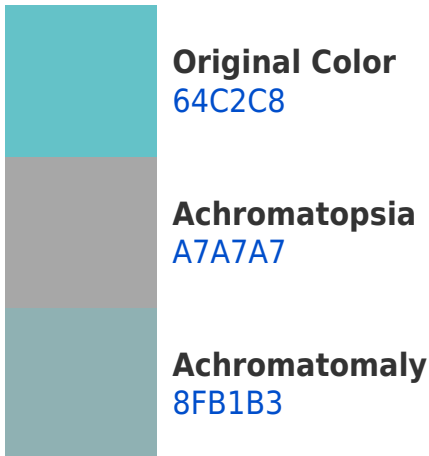


Tritanopia
67C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64C2C8 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 #64C2C8 looks like.

```
.text, #text, p{  
    color:#64C2C8  
}
```

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 #64C2C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C2C8  
}
```

Border

The CSS property to change the border of an element to Hex 64C2C8 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  
#64C2C8 }
```

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

```
.border{ border-color:#64C2C8 }
```

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

Here you see how a box with a 4 pixel #64C2C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C2C8; -webkit-box-shadow:4px 4px  
4px 4px #64C2C8; box-shadow:4px 4px 4px  
4px #64C2C8 }
```

Background

The CSS property to change the background color of an element to Hex 64C2C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C2C8 }
```

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

```
.background{ background-color:#64C2C8 }
```

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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