

Converting Colors

Hex(64C2D2)

Have a look what the booklet for
Hex(64C2D2) contains.

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Color

Hex(64C2D2)

Conversions

Conversions Part 1

Format	Color
Hex	64C2D2
RGB	100, 194, 210
RGB Percent	39%, 76%, 82%
CMY	0.6078, 0.2392, 0.1765
CMYK	0.52, 0.08, 0.00, 0.18
HSL	189°, 55%, 61%
HSV	189°, 52%, 82%
XYZ	36.1802, 45.9460, 67.9343
YIQ	167.7180, -61.1600, -14.9520

Conversions

Conversions Part 2

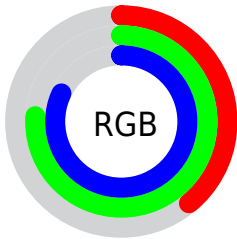
Format	Color
R _{YB}	100, 151, 210
Decimal	6603474
CIE _{Lab}	73.51, -23.46, -16.57
CIE _{LCh}	74, 28.718, 215.240
Y _{xy}	45.9460, 0.2411, 0.3062
Android (android.graphics.Color)	4284793554 (0xFF64C2D2)
YUV	167.7180, 20.8450, -59.3887
Hunter-Lab	67.7835, -23.3449, -11.9735

Details

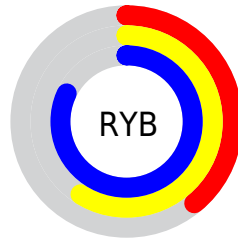
The Hex color **64C2D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D27464**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9EFBFF**, and **228C9C** is the 20% darker color. If you saturate the color by 10%, you get **4FBFD2**, and if you desaturate by 10%, it is **79C5D2**.

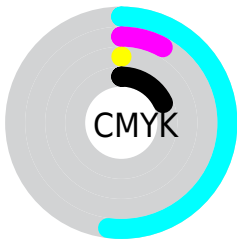
Distribution



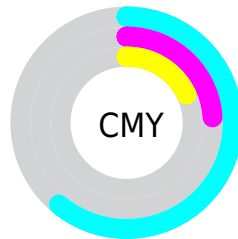
- Red (39%)
- Green (76%)
- Blue (82%)



- Red (39%)
- Yellow (59%)
- Blue (82%)



- Cyan (52%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (61%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64C2D2 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 64C2D2 by changing the saturation by 10% instead.

 64C2D2

 64C2D2

FFFFFF

 46A7B6

 9EFBFF

 228C9C

 BBFFFF

 007281

 D9FFFF

 005A68

 F7FFFF

 004250

 002B39

 001624

 00010D

 000000

■ 64C2D2

■ 64C2D2

■ 4FBFD2

■ 79C5D2

■ 3ABCD2

■ 8EC8D2

■ 25B9D2

■ A3CBD2

■ 10B6D2

■ B8CED2

■ 00B3D2

■ CDD1D2

■ E2D4D2

■ F7D7D2

■ FFDAD2

■ FFDDD2

Harmonies

Analogous

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



6EC3B8



64C2D2



76BDE4

Triad

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



64C2D2



DAA4CB



C3B480

Complementary

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



64C2D2



D27464

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.



DAAB85



64C2D2



E8A1B1

Square

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



64C2D2



BEACE0



E8A497



A6BC89

Rectangle

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



64C2D2



8DB8E9



E8A497



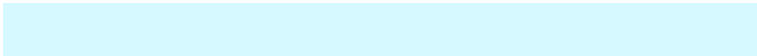
CBB180

Sweetspot

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



64C2D2



D6F9FF



64D273



677C80



000000



808080

Same Dimension

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



64C2D2



5EE8FF



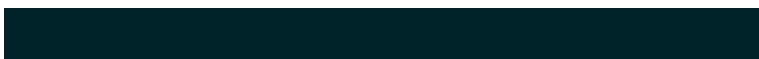
648CD2



5E6769



0090A8



002329

Inverse Universe

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



D264C2



FF5EE8



D2AA64



695E67



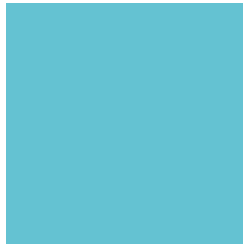
A80090



290023

Previews

White Background



This preview shows how the Hex color 64C2D2 looks on a white background.

Color Contrast Check

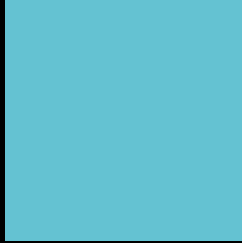
Large Text (above 18pt) WCAG AA × Fail

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 64C2D2 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 64C2D2 Background



This preview shows how black text looks on a background with the Hex color 64C2D2.

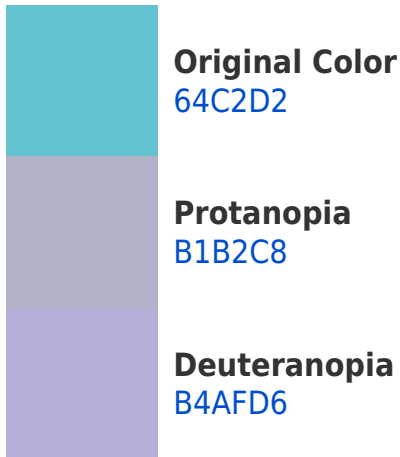


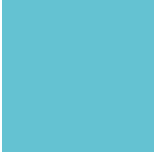
This preview shows how white text looks on a background with the Hex color 64C2D2.

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](#).

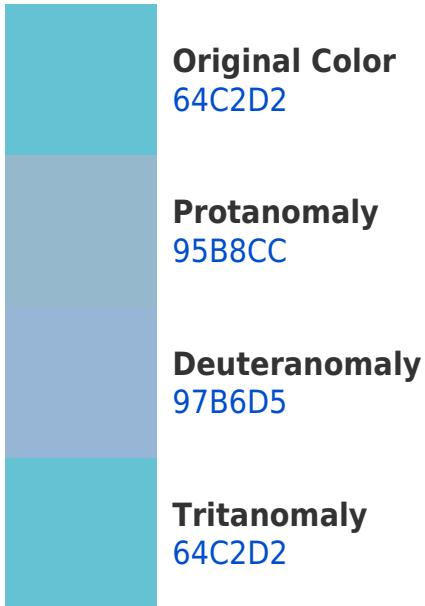
Dichromacy



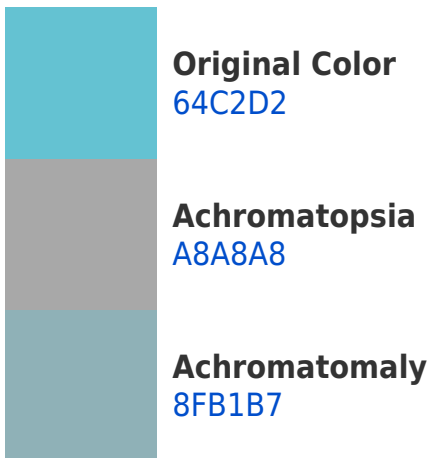


Tritanopia
64C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64C2D2 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 #64C2D2 looks like.

```
.text, #text, p{  
    color:#64C2D2  
}
```

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 #64C2D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C2D2
}
```

Border

The CSS property to change the border of an element to Hex 64C2D2 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
#64C2D2 }
```

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

```
.border{ border-color:#64C2D2 }
```

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

Here you see how a box with a 4 pixel #64C2D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C2D2; -webkit-box-shadow:4px 4px  
4px 4px #64C2D2; box-shadow:4px 4px 4px  
4px #64C2D2 }
```

Background

The CSS property to change the background color of an element to Hex 64C2D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C2D2 }
```

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

```
.background{ background-color:#64C2D2 }
```

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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