

# Converting Colors

Hex(64C2C1)

Have a look what the booklet for  
Hex(64C2C1) contains.

<b>Hex(64C2C1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(64C2C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64C2C1
RGB	100, 194, 193
RGB Percent	39%, 76%, 76%
CMY	0.6078, 0.2392, 0.2431
CMYK	0.48, 0.00, 0.01, 0.24
HSL	179°, 44%, 58%
HSV	179°, 48%, 76%
XYZ	34.1730, 45.1432, 57.3645
YIQ	165.7800, -55.7030, -20.2390

# Conversions

## Conversions Part 2

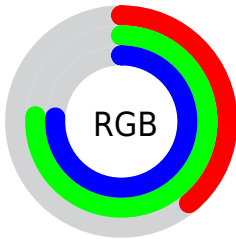
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	100, 147, 194
Decimal	6603457
CIE <sub>Lab</sub>	72.99, -28.02, -8.11
CIE <sub>LCh</sub>	73, 29.173, 196.135
Yxy	45.1432, 0.2500, 0.3303
Android (android.graphics.Color)	4284793537 (0xFF64C2C1)
YUV	165.7800, 13.4195, -57.6891
Hunter-Lab	67.1887, -26.7929, -3.5887

# Details

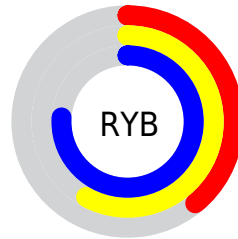
The Hex color **64C2C1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C26465**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **9DFBF9**, and **258C8C** is the 20% darker color. If you saturate the color by 10%, you get **51C2C1**, and if you desaturate by 10%, it is **77C2C1**.

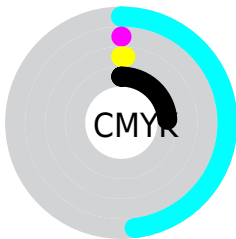
# Distribution



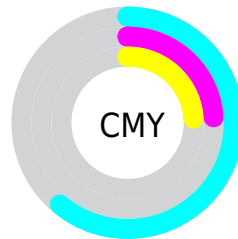
- Red (39%)
- Green (76%)
- Blue (76%)



- Red (39%)
- Yellow (58%)
- Blue (76%)



- Cyan (48%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 64C2C1 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 64C2C1 by changing the saturation by 10% instead.



 64C2C1

 64C2C1

FFFFFF

 47A7A6

 9DFBF9

 258C8C

 BAF0FF

 007272

 D7FFFF

 00595A

 F5FFFF

 004142

 002B2C

 001318

 000000

 64C2C1

 64C2C1

■ 51C2C1

■ 77C2C1

■ 3DC2C1

■ 8BC2C1

■ 2AC2C0

■ 9EC2C2

■ 16C2C0

■ B2C2C2

■ 03C2C0

■ C5C2C2

■ 00C2C0

■ D8C2C2

■ ECC2C2

■ FFC2C3

# Harmonies

## Analogous

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



7BC1A5



64C2C1



64BFD9

# Triad

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



64C2C1



C9A7D8



D2AD80

# Complementary

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



64C2C1



C26465

# 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.



E3A58E



64C2C1



E0A1C1

# Square

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



64C2C1



A6B1E6



E9A0A6



B7B67F

# Rectangle

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



64C2C1



74BCE3



E9A0A6



D9AA83



# Sweetspot

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



64C2C1



D7FCFC



66C264



69807F



000000



808080



# Same Dimension

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



64C2C1



6AFCFB



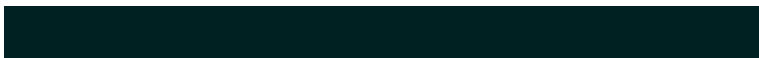
6495C2



576161



00A19F



002121



# Inverse Universe

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



C26465



FC6A6C



C29164



615757



A10002

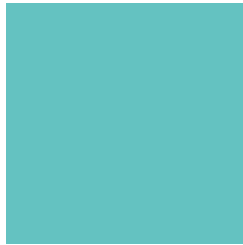


210000



# Previews

## White Background



This preview shows how the Hex color 64C2C1 looks on a white background.

## Color Contrast Check

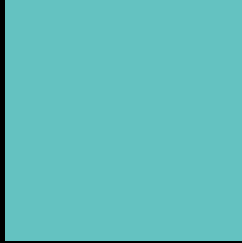
Large Text (above 18pt) WCAG AA × Fail

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 64C2C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

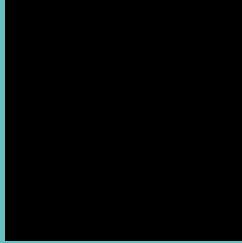
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

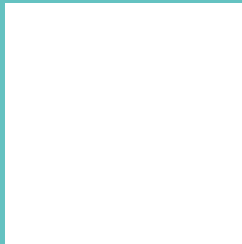
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64C2C1 Background



This preview shows how black text looks on a background with the Hex color 64C2C1.

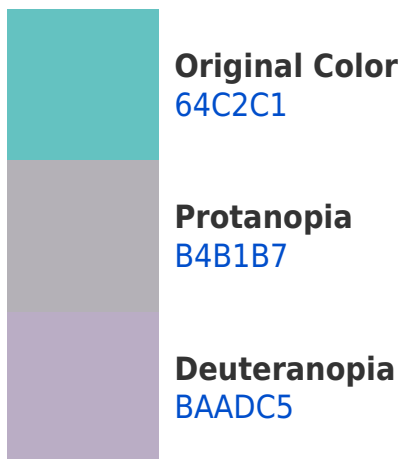


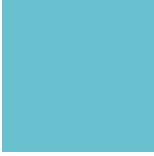
This preview shows how white text looks on a background with the Hex color 64C2C1.

# 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**  
69C0CF

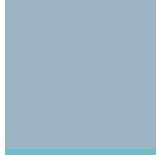
# Trichromacy



**Original Color**  
64C2C1



**Protanomaly**  
97B7BB



**Deuteranomaly**  
9BB5C4

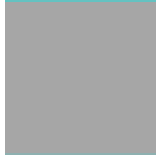


**Tritanomaly**  
67C1CA

# Monochromacy



**Original Color**  
64C2C1



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
8EB0B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64C2C1 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 #64C2C1 looks like.

```
.text, #text, p{  
    color:#64C2C1  
}
```

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 #64C2C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C2C1
}
```

## Border

The CSS property to change the border of an element to Hex 64C2C1 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
#64C2C1 }
```

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

```
.border{ border-color:#64C2C1 }
```

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

Here you see how a box with a 4 pixel #64C2C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C2C1; -webkit-box-shadow:4px 4px  
4px 4px #64C2C1; box-shadow:4px 4px 4px  
4px #64C2C1 }
```

# Background

The CSS property to change the background color of an element to Hex 64C2C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C2C1 }
```

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

```
.background{ background-color:#64C2C1 }
```

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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