

Converting Colors

Hex(64C6C2)

Have a look what the booklet for
Hex(64C6C2) contains.

Hex(64C6C2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64C6C2)

Conversions

Conversions Part 1

Format	Color
Hex	64C6C2
RGB	100, 198, 194
RGB Percent	39%, 78%, 76%
CMY	0.6078, 0.2235, 0.2392
CMYK	0.49, 0.00, 0.02, 0.22
HSL	178°, 46%, 58%
HSV	178°, 49%, 78%
XYZ	35.1872, 46.9925, 58.2548
YIQ	168.2420, -57.1240, -22.0200

Conversions

Conversions Part 2

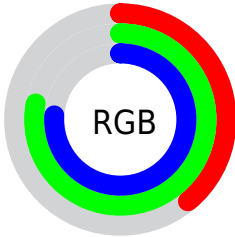
Format	Color
RYB	100, 150, 198
Decimal	6604482
CIELab	74.18, -29.71, -6.87
CIElCh	74, 30.493, 193.024
Yxy	46.9925, 0.2506, 0.3346
Android (android.graphics.Color)	4284794562 (0xFF64C6C2)
YUV	168.2420, 12.6987, -59.8482
Hunter-Lab	68.5511, -28.3405, -2.3990

Details

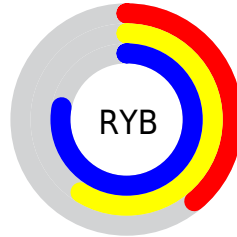
The Hex color **64C6C2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C66468**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9EFFFFA**, and **24908C** is the 20% darker color. If you saturate the color by 10%, you get **50C6C1**, and if you desaturate by 10%, it is **78C6C3**.

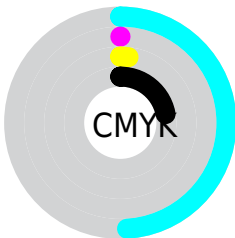
Distribution



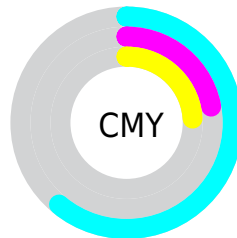
- Red (39%)
- Green (78%)
- Blue (76%)



- Red (39%)
- Yellow (59%)
- Blue (78%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 64C6C2 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 64C6C2 by changing the saturation by 10% instead.

 64C6C2

 64C6C2

FFFFFF

 46AAA7

 9EFFFF

 24908C

 BAFFFF

 007673

 D8FFFF

 005D5B

 F6FFFF

 004543

 002D2D

 001819

 000000

 64C6C2

 64C6C2

 50C6C1

 78C6C3

 3CC6C0

 8CC6C4

 29C6C0

 9FC6C4

 15C6BF

 B3C6C5

 01C6BE

 C7C6C6

 00C6BE

 DBC6C7

 EFC6C8

 FFC6C8

 FFC6C9

Harmonies

Analogous

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



7EC5A5



64C6C2



60C4DC

Triad

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



64C6C2



CAABDF



D8AF81

Complementary

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



64C6C2



C66468

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.



EAA691



64C6C2



E4A4C7

Square

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



64C6C2



A4B5ED



EFA2AB



BEB97F

Rectangle

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



64C6C2



70C0E8



EFA2AB



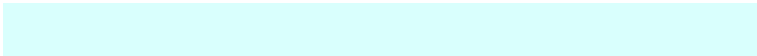
E0AC85

Sweetspot

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



64C6C2



D9FFFD



69C664



69807F



000000



808080

Same Dimension

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



64C6C2



69FFF9



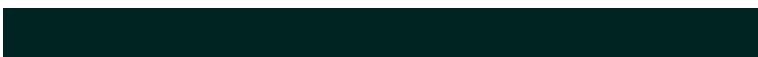
649AC6



5A6363



00A39D



002422

Inverse Universe

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



C66468



FF696F



C69064



635A5A



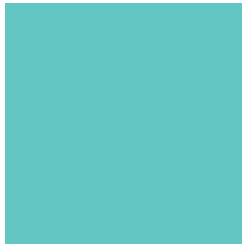
A30007



240001

Previews

White Background



This preview shows how the Hex color 64C6C2 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 64C6C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

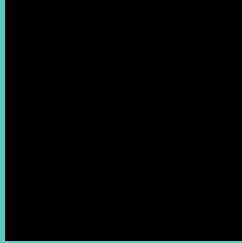
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

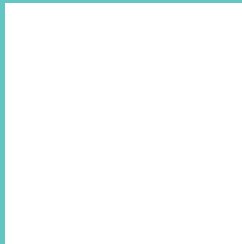
Any Text WCAG AAA ✓ Pass

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

Hex 64C6C2 Background



This preview shows how black text looks on a background with the Hex color 64C6C2.



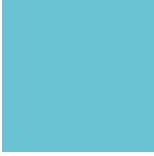
This preview shows how white text looks on a background with the Hex color 64C6C2.

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
6AC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64C6C2 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 #64C6C2 looks like.

```
.text, #text, p{  
    color:#64C6C2  
}
```

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 #64C6C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C6C2
}
```

Border

The CSS property to change the border of an element to Hex 64C6C2 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
#64C6C2 }
```

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

```
.border{ border-color:#64C6C2 }
```

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

Here you see how a box with a 4 pixel #64C6C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C6C2; -webkit-box-shadow:4px 4px  
4px 4px #64C6C2; box-shadow:4px 4px 4px  
4px #64C6C2 }
```

Background

The CSS property to change the background color of an element to Hex 64C6C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C6C2 }
```

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

```
.background{ background-color:#64C6C2 }
```

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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