

# Converting Colors

Hex(75C0B2)

Have a look what the booklet for  
Hex(75C0B2) contains.

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**Color**

**Hex(75C0B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75C0B2
RGB	117, 192, 178
RGB Percent	46%, 75%, 70%
CMY	0.5412, 0.2471, 0.3020
CMYK	0.39, 0.00, 0.07, 0.25
HSL	169°, 37%, 61%
HSV	169°, 39%, 75%
XYZ	34.2216, 44.6955, 48.9429
YIQ	167.9790, -40.2060, -20.2540

# Conversions

## Conversions Part 2

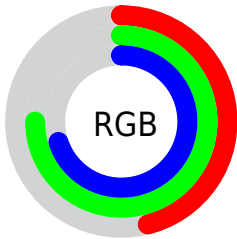
Format	Color
<a href="#">RYB</a>	<a href="#">117, 158, 192</a>
Decimal	<a href="#">7717042</a>
CIELab	<a href="#">72.69, -26.58, -0.29</a>
CIELCh	<a href="#">73, 26.585, 180.624</a>
Yxy	<a href="#">44.6955, 0.2676, 0.3496</a>
Android (android.graphics.Color)	<a href="#">4285907122</a> ( <a href="#">0xFF75C0B2</a> )
YUV	<a href="#">167.9790, 4.9404, -44.7086</a>
Hunter-Lab	<a href="#">66.8547, -25.6251, 3.3934</a>

# Details

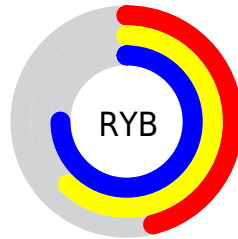
The Hex color **75C0B2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C07583**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **ACF9EA**, and **3F8A7D** is the 20% darker color. If you saturate the color by 10%, you get **62C0AE**, and if you desaturate by 10%, it is **88C0B6**.

# Distribution



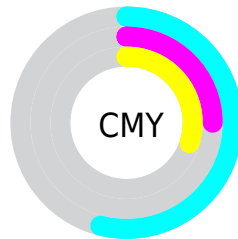
- Red (46%)
- Green (75%)
- Blue (70%)



- Red (46%)
- Yellow (62%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75C0B2 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 75C0B2 by changing the saturation by 10% instead.



 75C0B2

 75C0B2

FFFFFF

 5AA597

 ACF9EA

 3F8A7D

 C8FFFF

 227065

 E5FFFF

 00584D

 004036

 002921

 00110A

 000000

 75C0B2

 75C0B2

■ 62C0AE

■ 88C0B6

■ 4FC0AB

■ 9BC0B9

■ 3BC0A7

■ AFC0BD

■ 28C0A4

■ C2C0C0

■ 15C0A0

■ D5C0C4

■ 02C09C

■ E8C0C8

■ 00C09C

■ FBC0CB

■ FFC0CF

■ FFC0D2

# Harmonies

## Analogous

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



8EBE9A



75C0B2



6ABFCA

# Triad

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



75C0B2



B7ACDC



D8A989

# Complementary

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



75C0B2



C07583

# 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.



E3A29B



75C0B2



D2A4CB

# Square

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



75C0B2



95B4E3



E1A1B3



C4B182

# Rectangle

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



75C0B2



70BDD7



E1A1B3



DDA68E



# Sweetspot

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



75C0B2



DCFAF4



84C075



6B7D7A



FCFCFC



7D7D7D



# Same Dimension

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



75C0B2



84FAE4



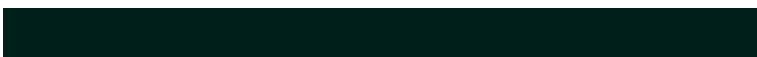
75A9C0



57615F



00A183



00211B



# Inverse Universe

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



C07583



FA849A



C08B75



615759



A1001E

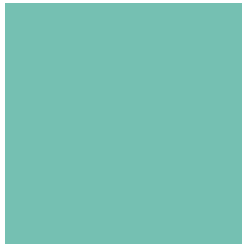


210006



# Previews

## White Background



This preview shows how the Hex color 75C0B2 looks on a white background.

## Color Contrast Check

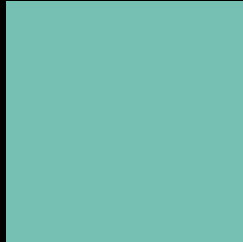
Large Text (above 18pt) WCAG AA × Fail

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 75C0B2 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

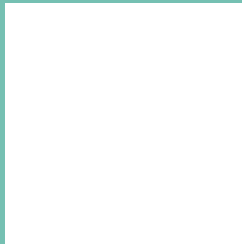
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75C0B2 Background



This preview shows how black text looks on a background with the Hex color 75C0B2.



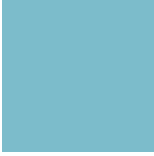
This preview shows how white text looks on a background with the Hex color 75C0B2.

# 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





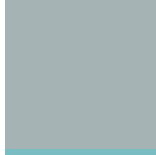
# Trichromacy



**Original Color**  
75C0B2



**Protanomaly**  
9FB6AC



**Deuteranomaly**  
A5B3B5

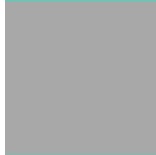


**Tritanomaly**  
79BDC2

# Monochromacy



**Original Color**  
75C0B2



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
95B1AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75C0B2 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 #75C0B2 looks like.

```
.text, #text, p{  
    color:#75C0B2  
}
```

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 #75C0B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C0B2
}
```

## Border

The CSS property to change the border of an element to Hex 75C0B2 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
#75C0B2 }
```

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

```
.border{ border-color:#75C0B2 }
```

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

Here you see how a box with a 4 pixel #75C0B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C0B2; -webkit-box-shadow:4px 4px  
4px 4px #75C0B2; box-shadow:4px 4px 4px  
4px #75C0B2 }
```

# Background

The CSS property to change the background color of an element to Hex 75C0B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C0B2 }
```

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

```
.background{ background-color:#75C0B2 }
```

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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