

# Converting Colors

Hex(64C584)

Have a look what the booklet for  
Hex(64C584) contains.

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# **Color**

**Hex(64C584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64C584
RGB	100, 197, 132
RGB Percent	39%, 77%, 52%
CMY	0.6078, 0.2275, 0.4824
CMYK	0.49, 0.00, 0.33, 0.23
HSL	140°, 46%, 58%
HSV	140°, 49%, 77%
XYZ	29.3866, 44.3078, 28.8332
YIQ	160.5870, -36.9470, -40.7790

# Conversions

## Conversions Part 2

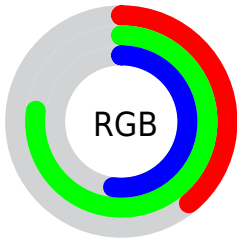
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 173, 197
Decimal	6604164
CIELab	72.43, -43.08, 24.04
CIElCh	72, 49.337, 150.839
Yxy	44.3078, 0.2866, 0.4322
Android (android.graphics.Color)	4284794244 (0xFF64C584)
YUV	160.5870, -14.0934, -53.1348
Hunter-Lab	66.5641, -37.6832, 20.9125

# Details

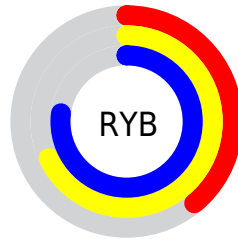
The Hex color **64C584** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C564A5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9CFEB9**, and **298E52** is the 20% darker color. If you saturate the color by 10%, you get **50C577**, and if you desaturate by 10%, it is **78C591**.

# Distribution



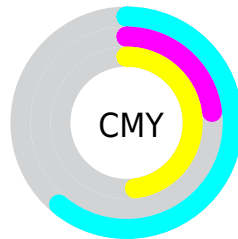
- Red (39%)
- Green (77%)
- Blue (52%)



- Red (39%)
- Yellow (68%)
- Blue (77%)



- Cyan (49%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)



- Cyan (61%)
- Magenta (23%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64C584 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 64C584 by changing the saturation by 10% instead.





64C584



64C584

FFFFFF



48A96B



9CFEB9



298E52



B9FFD5



00743A



D6FFF2



005B24



F3FFFF



00420D



002C00



001000



000000



64C584



64C584

■ 50C577

■ 78C591

■ 3DC56A

■ 8BC59E

■ 29C55C

■ 9FC5AC

■ 15C54F

■ B3C5B9

■ 01C542

■ C7C5C6

■ 00C541

■ DAC5D3

■ EEC5E0

■ FFC5EE

■ FFC5FB

# Harmonies

## Analogous

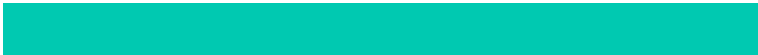
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DBD61



64C584



00C9B1

# Triad

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



64C584



66B6FF



FF9186

# Complementary

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



64C584



C564A5

# 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.



FF8CB2



64C584



B7A5FF

# Square

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



64C584



00C2FF



EB95DE



F09F63

# Rectangle

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



64C584



00C9D0



EB95DE



FF8E94

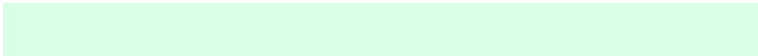


# Sweetspot

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



64C584



D9FFE5



A6C564



698070



000000



808080



# Same Dimension

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



64C584



69FF9A



64C5B3



5A635D



00A336



00240C



# Inverse Universe

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



C564A5



FF69CD



C56476



635A60



A3006D



240018



# Previews

## White Background



This preview shows how the Hex color 64C584 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 64C584 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

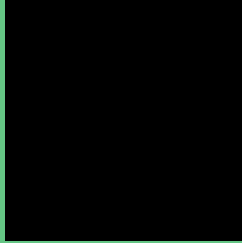
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 64C584 Background



This preview shows how black text looks on a background with the Hex color 64C584.

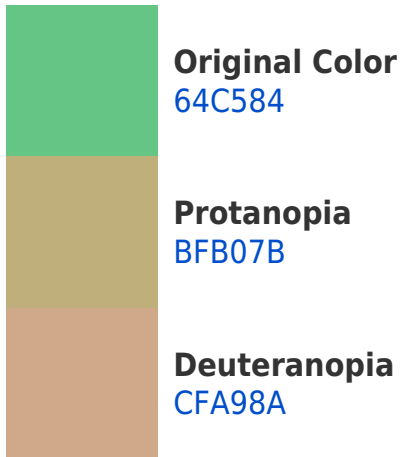


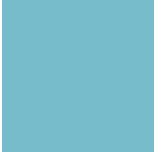
This preview shows how white text looks on a background with the Hex color 64C584.

# 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



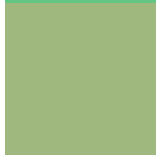


**Tritanopia**  
76BCCB

# Trichromacy



**Original Color**  
64C584



**Protanomaly**  
9EB87E



**Deuteranomaly**  
A8B388

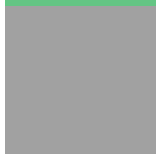


**Tritanomaly**  
6FBFB1

# Monochromacy



**Original Color**  
64C584



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
8BAE96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64C584 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 #64C584 looks like.

```
.text, #text, p{  
    color:#64C584  
}
```

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 #64C584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C584
}
```

## Border

The CSS property to change the border of an element to Hex 64C584 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
#64C584 }
```

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

```
.border{ border-color:#64C584 }
```

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

Here you see how a box with a 4 pixel #64C584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C584; -webkit-box-shadow:4px 4px  
4px 4px #64C584; box-shadow:4px 4px 4px  
4px #64C584 }
```

# Background

The CSS property to change the background color of an element to Hex 64C584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C584 }
```

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

```
.background{ background-color:#64C584 }
```

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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