

# Converting Colors

Hex(64F4C0)

Have a look what the booklet for  
Hex(64F4C0) contains.

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# Color

Hex(64F4C0)

# Conversions

## Conversions Part 1

Format	Color
Hex	64F4C0
RGB	100, 244, 192
RGB Percent	39%, 96%, 75%
CMY	0.6078, 0.0431, 0.2471
CMYK	0.59, 0.00, 0.21, 0.04
HSL	158°, 87%, 67%
HSV	158°, 59%, 96%
XYZ	47.1206, 71.2165, 61.1318
YIQ	195.0160, -69.1320, -46.7000

# Conversions

## Conversions Part 2

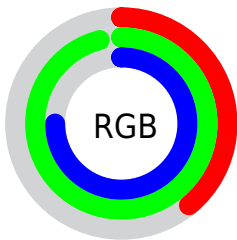
Format	Color
<a href="#">RYB</a>	<a href="#">100, 188, 244</a>
Decimal	<a href="#">6616256</a>
CIELab	<a href="#">87.59, -50.78, 13.61</a>
CIElCh	<a href="#">88, 52.575, 164.997</a>
Yxy	<a href="#">71.2165, 0.2626, 0.3968</a>
Android (android.graphics.Color)	<a href="#">4284806336 (0xFF64F4C0)</a>
YUV	<a href="#">195.0160, -1.4869, -83.3290</a>
Hunter-Lab	<a href="#">84.3898, -48.0134, 16.1234</a>

# Details

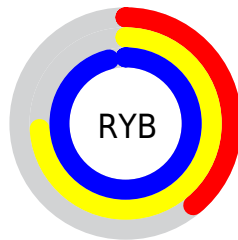
The Hex color **64F4C0** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F46498**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A2FFF8**, and **0FBB8A** is the 20% darker color. If you saturate the color by 10%, you get **4CF4B7**, and if you desaturate by 10%, it is **7CF4C9**.

# Distribution



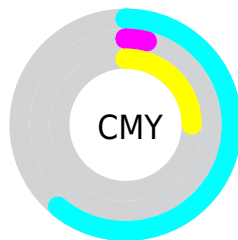
- Red (39%)
- Green (96%)
- Blue (75%)



- Red (39%)
- Yellow (74%)
- Blue (96%)



- Cyan (59%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)



- Cyan (61%)
- Magenta (4%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64F4C0 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 64F4C0 by changing the saturation by 10% instead.



 64F4C0

 64F4C0


FFFFFF

 42D7A5

 A2FFF8

 0FBB8A

 C0FFFF

 009F71

 DEFFFF

 008458

FDFFFF

 006A41

 00512B

 003816

 002200

 000000

 64F4C0

 64F4C0

 4CF4B7

 7CF4C9

 33F4AE

 95F4D2

 1BF4A6

 ADF4DA

 02F49D

 C6F4E3

 00F49C

 DEF4EC

 F6F4F5

 FFF4FE

 FFF4FF

# Harmonies

## Analogous

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



AAED93



64F4C0



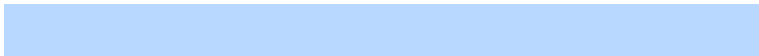
00F6F4

# Triad

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



64F4C0



B9D8FF



FFBF97

# Complementary

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



64F4C0



F46498

# 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.



FFB4C4



64F4C0



FFC5FF

# Square

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



64F4C0



52E8FF



FFB6F7



FFD07B

# Rectangle

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



64F4C0



00F4FF



FFB6F7



FFBAA5

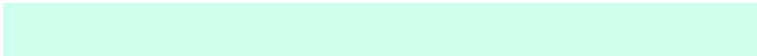


# Sweetspot

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



64F4C0



D1FFEE



99F464



638075



000000



808080



# Same Dimension

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



64F4C0



4AFFBE



64E1F4



6E7A76



00BA77



003B25



# Inverse Universe

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



F46498



FF4A8B



F47764



7A6E73



BA0043

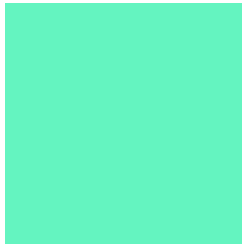


3B0015



# Previews

## White Background



This preview shows how the Hex color 64F4C0 looks on a white background.

## Color Contrast Check

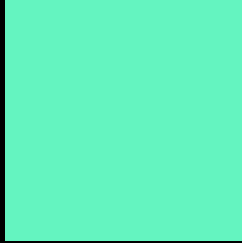
Large Text (above 18pt) WCAG AA × Fail

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 64F4C0 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 64F4C0 Background



This preview shows how black text looks on a background with the Hex color 64F4C0.

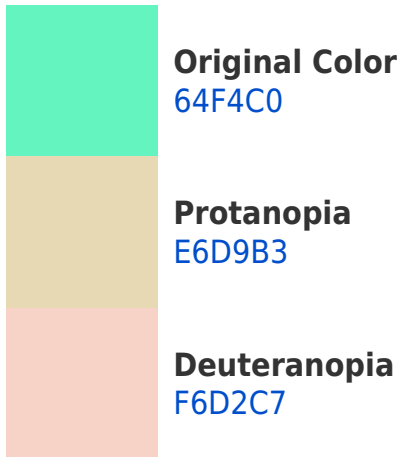


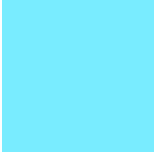
This preview shows how white text looks on a background with the Hex color 64F4C0.

# 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**  
79ECFF

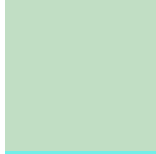
# Trichromacy



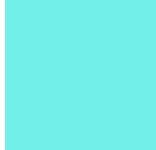
**Original Color**  
64F4C0



**Protanomaly**  
B7E3B8



**Deuteranomaly**  
C1DEC4

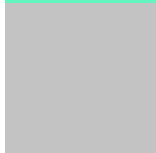


**Tritanomaly**  
71EFE8

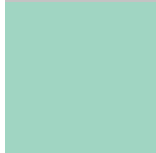
# Monochromacy



**Original Color**  
64F4C0



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A0D5C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64F4C0 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 #64F4C0 looks like.

```
.text, #text, p{  
    color:#64F4C0  
}
```

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 #64F4C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64F4C0
}
```

## Border

The CSS property to change the border of an element to Hex 64F4C0 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
#64F4C0 }
```

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

```
.border{ border-color:#64F4C0 }
```

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

Here you see how a box with a 4 pixel #64F4C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64F4C0; -webkit-box-shadow:4px 4px  
4px 4px #64F4C0; box-shadow:4px 4px 4px  
4px #64F4C0 }
```

# Background

The CSS property to change the background color of an element to Hex 64F4C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64F4C0 }
```

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

```
.background{ background-color:#64F4C0 }
```

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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