

# Converting Colors

Hex(C0947F)

Have a look what the booklet for  
Hex(C0947F) contains.

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**Color**

**Hex(C0947F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0947F
RGB	192, 148, 127
RGB Percent	75%, 58%, 50%
CMY	0.2471, 0.4196, 0.5020
CMYK	0.00, 0.23, 0.34, 0.25
HSL	19°, 34%, 63%
HSV	19°, 34%, 75%
XYZ	36.1589, 33.9186, 24.7198
YIQ	158.7620, 32.9650, 2.7970

# Conversions

## Conversions Part 2

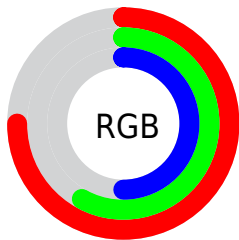
Format	Color
<a href="#">RYB</a>	<a href="#">192, 158, 127</a>
Decimal	<a href="#">12620927</a>
CIELab	<a href="#">64.90, 13.60, 17.47</a>
CIElCh	<a href="#">65, 22.138, 52.106</a>
Yxy	<a href="#">33.9186, 0.3814, 0.3578</a>
Android (android.graphics.Color)	<a href="#">4290811007</a> <a href="#">(0xFFC0947F)</a>
YUV	<a href="#">158.7620, -15.6587, 29.1497</a>
Hunter-Lab	<a href="#">58.2397, 8.9048, 15.6021</a>

# Details

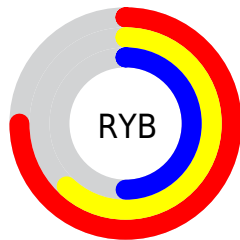
The Hex color **C0947F** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7FABC0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F9CAB4**, and **89614E** is the 20% darker color. If you saturate the color by 10%, you get **C0876C**, and if you desaturate by 10%, it is **C0A192**.

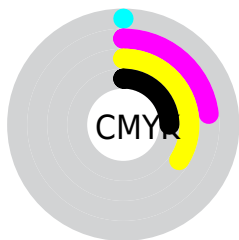
# Distribution



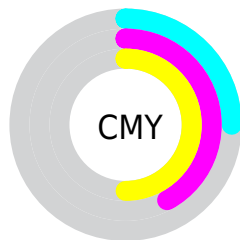
- Red (75%)
- Green (58%)
- Blue (50%)



- Red (75%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (25%)



- Cyan (25%)
- Magenta (42%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0947F 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 C0947F by changing the saturation by 10% instead.



 C0947F

 C0947F

FFFFFF

 A47A66

 F9CAB4

 89614E

 FFE6CF

 6F4937

 FFFFEC

 553321

 3D1D0C

 260600

 000000

 C0947F

 C0947F

 C0876C

 C0A192

 C07A59

 C0AEA5

 C06D45

 C0BBB9

 C06032

 C0C8CC

 C0531F

 C0D5DF

 C0460C

 C0E2F2

 C03E00

 C0EFFF

 C0FCFF

 C0FFFF

# Harmonies

## Analogous

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



C6908F



C0947F



B19A77

# Triad

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



C0947F



71A897



9A9AC2

# Complementary

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



C0947F



7FABC0

# 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.



7FA1C4



C0947F



65A8AC

# Square

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



C0947F



86A685



6AA6BC



B294B6

# Rectangle

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



C0947F



A49F77



6AA6BC



919DC4

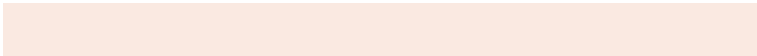


# Sweetspot

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



C0947F



FAE9E1



C07FAB



7D736E



FCFCFC



7D7D7D



# Same Dimension

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



C0947F



FAB593



C0B47F



615A57



A13400



210B00

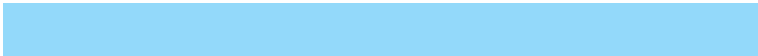


# Inverse Universe

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



7FABC0



93D9FA



7F8BC0



575E61



006DA1



001621



# Previews

## White Background



This preview shows how the Hex color C0947F looks on a white background.

## Color Contrast Check

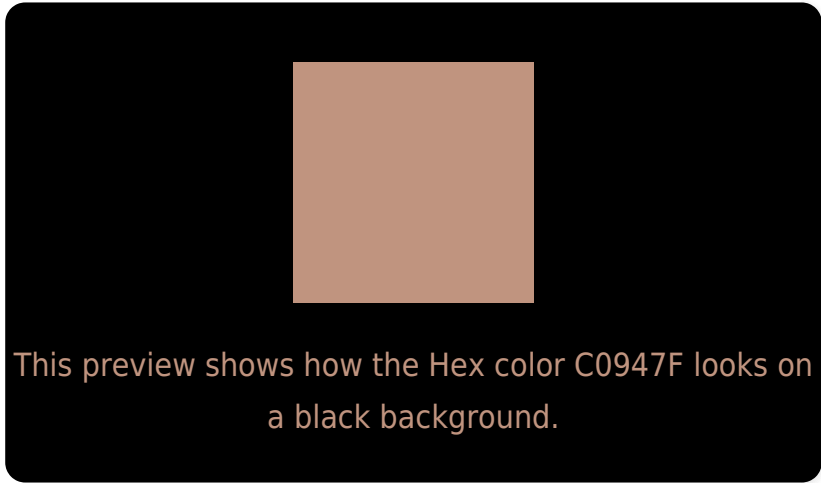
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 C0947F Background



This preview shows how black text looks on a background with the Hex color C0947F.



This preview shows how white text looks on a background with the Hex color C0947F.

# 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



**Original Color**  
C0947F

**Protanopia**  
A69D83

**Deuteranopia**  
B8977E



**Tritanopia**  
C3909B

# Trichromacy



**Original Color**  
C0947F

**Protanomaly**  
AF9A82

**Deuteranomaly**  
BB967E

**Tritanomaly**  
C29191

# Monochromacy



**Original Color**  
C0947F

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
AB9B93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0947F 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 #C0947F looks like.

```
.text, #text, p{  
    color:#C0947F  
}
```

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 #C0947F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0947F
}
```

## Border

The CSS property to change the border of an element to Hex C0947F is called "border". The border property can be set on classes, ids or directly on the HTML element.

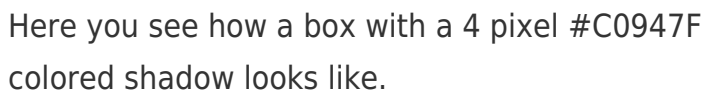
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C0947F }
```

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

```
.border{ border-color:#C0947F }
```

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



Here you see how a box with a 4 pixel #C0947F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0947F; -webkit-box-shadow:4px 4px  
4px 4px #C0947F; box-shadow:4px 4px 4px  
4px #C0947F }
```

# Background

The CSS property to change the background color of an element to Hex C0947F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0947F }
```

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

```
.background{ background-color:#C0947F }
```

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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