

# Converting Colors

Hex(C7547A)

Have a look what the booklet for  
Hex(C7547A) contains.

<b>Hex(C7547A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C7547A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7547A
RGB	199, 84, 122
RGB Percent	78%, 33%, 48%
CMY	0.2196, 0.6706, 0.5216
CMYK	0.00, 0.58, 0.39, 0.22
HSL	340°, 51%, 55%
HSV	340°, 58%, 78%
XYZ	30.2364, 19.8879, 20.6575
YIQ	122.7170, 56.3420, 36.1980

# Conversions

## Conversions Part 2

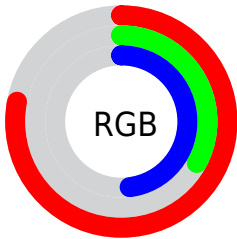
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 84, 122
Decimal	13063290
CIE <sub>Lab</sub>	51.71, 49.47, 1.82
CIE <sub>LCh</sub>	52, 49.503, 2.107
Yxy	19.8879, 0.4272, 0.2810
Android (android.graphics.Color)	4291253370 (0xFFC7547A)
YUV	122.7170, -0.3535, 66.9002
Hunter-Lab	44.5959, 42.9818, 3.7531

# Details

The Hex color **C7547A** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **54C7A1**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8AAE**, and **8D1B4A** is the 20% darker color. If you saturate the color by 10%, you get **C7406D**, and if you desaturate by 10%, it is **C76887**.

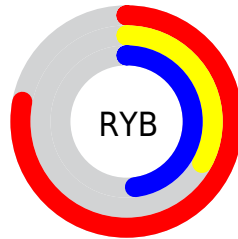
# Distribution



Red (78%)

Green (33%)

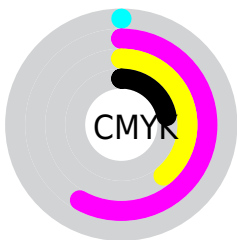
Blue (48%)



Red (78%)

Yellow (33%)

Blue (48%)

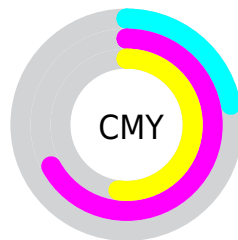


Cyan (0%)

Magenta (58%)

Yellow (39%)

Black (22%)



Cyan (22%)

Magenta (67%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7547A 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 C7547A by changing the saturation by 10% instead.



 C7547A

 C7547A

FFFFFF

 AA3961

 FF8AAE

 8D1B4A

 FFA6CA

 710033

 FFC2E6

 55001E

 FFDEFF

 3C0004

 FFFCFF

 1B0001

 000000

 C7547A

 C7547A

 C7406D

 C76887

 C72C5F

 C77C95

 C71852

 C790A2

 C70445

 C7A4AF

 C70042

 C7B8BD

 C7CBCA

 C7DFD7

 C7F3E5

 C7FFF2

# Harmonies

## Analogous

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



B15DA4



C7547A



C55A51

# Triad

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



C7547A



64862E



008AC6

# Complementary

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



C7547A



54C7A1

# 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.



008FA7



C7547A



218D52

# Square

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



C7547A



8F7A1F



00907D



147FD0

# Rectangle

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



C7547A



B96539



00907D



008CBD



# Sweetspot

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



C7547A



FFD4E2



A154C7



80666E



000000



808080



# Same Dimension

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



C7547A



FF4F89



C76754



635A5D



A30036



24000C



# Inverse Universe

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



C7547A



FF4F89



54B4C7



635A5D



A30036



24000C



# Previews

## White Background



This preview shows how the Hex color C7547A looks on a white background.

## Color Contrast Check

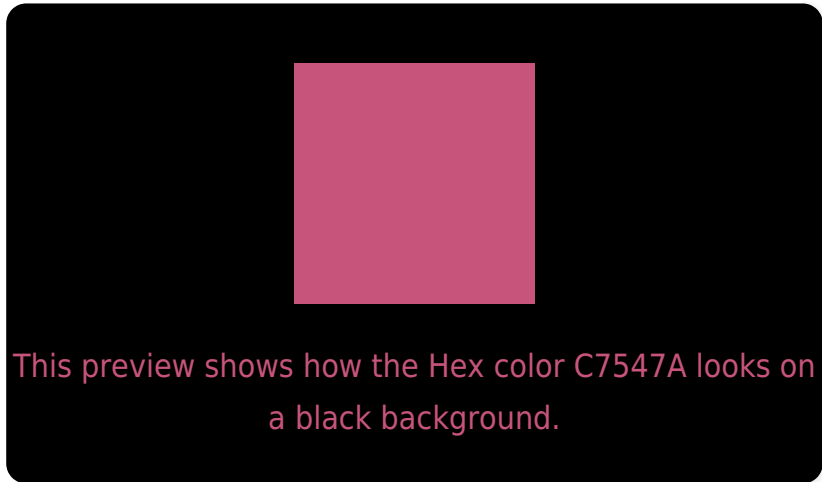
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex C7547A Background



This preview shows how black text looks on a background with the Hex color C7547A.




This preview shows how white text looks on a background with the Hex color C7547A.

# 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**  
C5595F

# Trichromacy



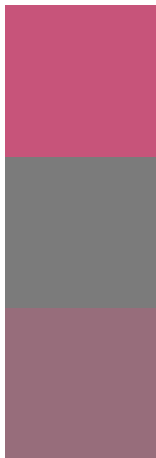
**Original Color**  
C7547A

**Protanomaly**  
946D89

**Deuteranomaly**  
A06B76

**Tritanomaly**  
C65769

# Monochromacy



**Original Color**  
C7547A

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
976D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7547A 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 #C7547A looks like.

```
.text, #text, p{  
    color:#C7547A  
}
```

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 #C7547A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7547A
}
```

## Border

The CSS property to change the border of an element to Hex C7547A 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
#C7547A }
```

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

```
.border{ border-color:#C7547A }
```

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

Here you see how a box with a 4 pixel #C7547A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7547A; -webkit-box-shadow:4px 4px  
4px 4px #C7547A; box-shadow:4px 4px 4px  
4px #C7547A }
```

# Background

The CSS property to change the background color of an element to Hex C7547A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7547A }
```

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

```
.background{ background-color:#C7547A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor