

# Converting Colors

Hex(C62A7F)

Have a look what the booklet for  
Hex(C62A7F) contains.

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# Color

**Hex(C62A7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C62A7F
RGB	198, 42, 127
RGB Percent	78%, 16%, 50%
CMY	0.2235, 0.8353, 0.5020
CMYK	0.00, 0.79, 0.36, 0.22
HSL	327°, 65%, 47%
HSV	327°, 79%, 78%
XYZ	27.9474, 15.1940, 21.5384
YIQ	98.3340, 65.6910, 59.5070

# Conversions

## Conversions Part 2

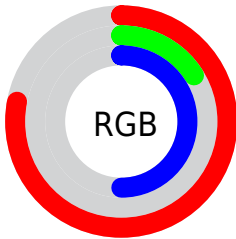
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 42, 127
Decimal	12987007
CIE <sub>Lab</sub>	45.90, 65.68, -9.81
CIE <sub>LCh</sub>	46, 66.408, 351.504
Yxy	15.1940, 0.4321, 0.2349
Android (android.graphics.Color)	4291177087 (0xFFC62A7F)
YUV	98.3340, 14.1323, 87.4071
Hunter-Lab	38.9795, 59.7665, -5.4755

# Details

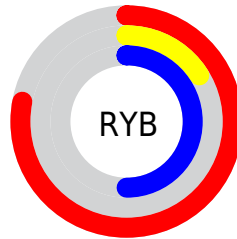
The Hex color **C62A7F** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **2AC671**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF68B4**, and **8B004E** is the 20% darker color. If you saturate the color by 10%, you get **C61676**, and if you desaturate by 10%, it is **C63E88**.

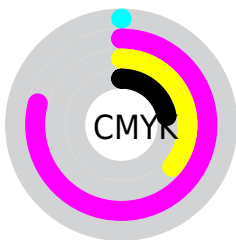
# Distribution



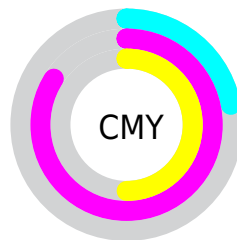
- Red (78%)
- Green (16%)
- Blue (50%)



- Red (78%)
- Yellow (16%)
- Blue (50%)



- Cyan (0%)
- Magenta (79%)
- Yellow (36%)
- Black (22%)



- Cyan (22%)
- Magenta (84%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C62A7F 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 C62A7F by changing the saturation by 10% instead.



 C62A7F

 C62A7F

FFFFFF

 A80066

 FF68B4

 8B004E

 FF85CF

 6E0037

 FFA2EB

 520022

 FFBFFF

 370009

 FFDCFF

 0D0000

 FFFAFF

 000000

 C62A7F

 C62A7F

 C61676

 C63E88

 C6026D

 C65291

 C6006C

 C6659A

 C679A3

 C68DAC

 C6A1B5

 C6B5BE

 C6C8C7

 C6DCD0

# Harmonies

## Analogous

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



9F48B3



C62A7F



CC2E48

# Triad

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



C62A7F



5E7600



0082C3

# Complementary

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



C62A7F



2AC671

# 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.



008594



C62A7F



007F1F

# Square

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



C62A7F



916500



00845A



0078DC

# Rectangle

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



C62A7F



C14124



00845A



0084B6



# Sweetspot

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



C62A7F



FFC2E3



702AC6



805B6F



000000



808080



# Same Dimension

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



C62A7F



FF0D91



C62A32



635A5F



A30059



240013



# Inverse Universe

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



C62A7F



FF0D91



2AC6BE



635A5F



A30059



240013



# Previews

## White Background



This preview shows how the Hex color C62A7F looks on a white background.

## Color Contrast Check

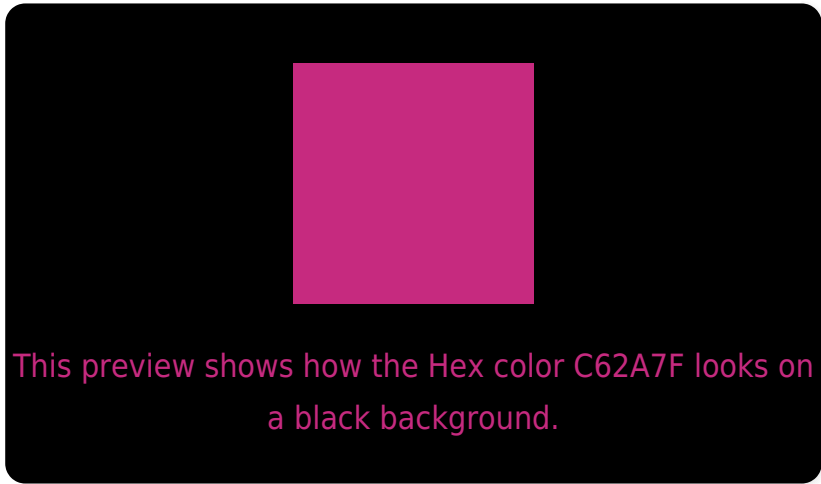
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex C62A7F Background



This preview shows how black text looks on a background with the Hex color C62A7F.

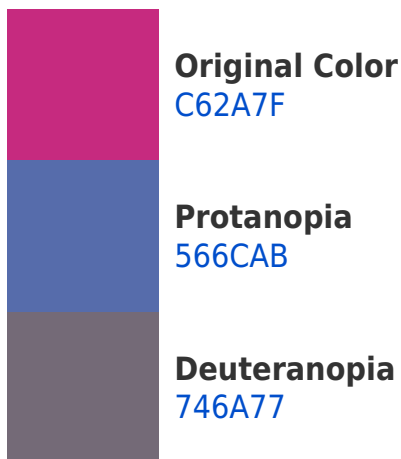


This preview shows how white text looks on a background with the Hex color C62A7F.

# 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**  
C23E41

# Trichromacy



**Original Color**  
C62A7F



**Protanomaly**  
7F549B



**Deuteranomaly**  
92537A

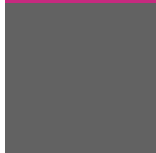


**Tritanomaly**  
C33758

# Monochromacy



**Original Color**  
C62A7F



**Achromatopsia**  
626262



**Achromatomaly**  
864E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C62A7F 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 #C62A7F looks like.

```
.text, #text, p{  
    color:#C62A7F  
}
```

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 #C62A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C62A7F
}
```

## Border

The CSS property to change the border of an element to Hex C62A7F 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
#C62A7F }
```

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

```
.border{ border-color:#C62A7F }
```

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

Here you see how a box with a 4 pixel #C62A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C62A7F; -webkit-box-shadow:4px 4px  
4px 4px #C62A7F; box-shadow:4px 4px 4px  
4px #C62A7F }
```

# Background

The CSS property to change the background color of an element to Hex C62A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C62A7F }
```

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

```
.background{ background-color:#C62A7F }
```

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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