

# Converting Colors

Hex(C9445F)

Have a look what the booklet for  
Hex(C9445F) contains.

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# Color

**Hex(C9445F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9445F
RGB	201, 68, 95
RGB Percent	79%, 27%, 37%
CMY	0.2118, 0.7333, 0.6275
CMYK	0.00, 0.66, 0.53, 0.21
HSL	348°, 55%, 53%
HSV	348°, 66%, 79%
XYZ	28.2201, 17.3780, 12.6934
YIQ	110.8450, 70.6010, 36.5930

# Conversions

## Conversions Part 2

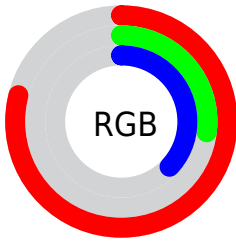
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 68, 95
Decimal	13190239
CIE <sub>Lab</sub>	48.73, 54.54, 13.91
CIE <sub>LCh</sub>	49, 56.286, 14.304
Yxy	17.3780, 0.4841, 0.2981
Android (android.graphics.Color)	4291380319 (0xFFC9445F)
YUV	110.8450, -7.8116, 79.0659
Hunter-Lab	41.6869, 47.8841, 11.1274

# Details

The Hex color **C9445F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **44C9AE**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7B91**, and **8D0031** is the 20% darker color. If you saturate the color by 10%, you get **C9304F**, and if you desaturate by 10%, it is **C9586F**.

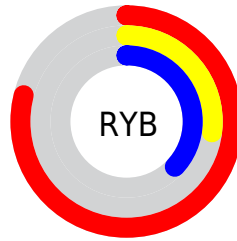
# Distribution



Red (79%)

Green (27%)

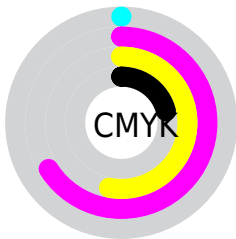
Blue (37%)



Red (79%)

Yellow (27%)

Blue (37%)

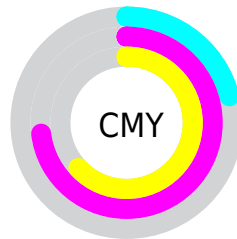


Cyan (0%)

Magenta (66%)

Yellow (53%)

Black (21%)



Cyan (21%)

Magenta (73%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9445F 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 C9445F by changing the saturation by 10% instead.



 C9445F

 C9445F

FFFFFF

 AB2647

 FF7B91

 8D0031

 FF97AC

 70001D

 FFB3C7

 540002

 FFD0E3

 390002

 FFEDFF

 0F0000

 000000

 C9445F

 C9445F

 C9304F

 C9586F

 C91C3F

 C96C7F

 C9082F

 C9808F

 C90029

 C9949F

 C9A9AF

 C9BDBF

 C9D1CF

 C9E5DF

 C9F9EF

# Harmonies

## Analogous

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



BD488F



C9445F



BD5433

# Triad

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



C9445F



3E8329



0080D0

# Complementary

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



C9445F



44C9AE

# 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.



0088B5



C9445F



008858

# Square

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



C9445F



757900



008A8A



3972D1

# Rectangle

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



C9445F



AB6218



008A8A



0083C9



# Sweetspot

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



C9445F



FFCCD6



AC44C9



806167



000000



808080



# Same Dimension

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



C9445F



FF365E



C96A44



635A5C



A30021



240007



# Inverse Universe

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



C9445F



FF365E



44A3C9



635A5C



A30021

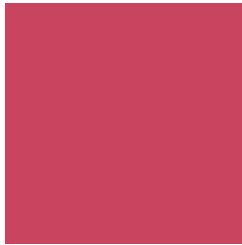


240007



# Previews

## White Background



This preview shows how the Hex color C9445F looks on a white background.

## Color Contrast Check

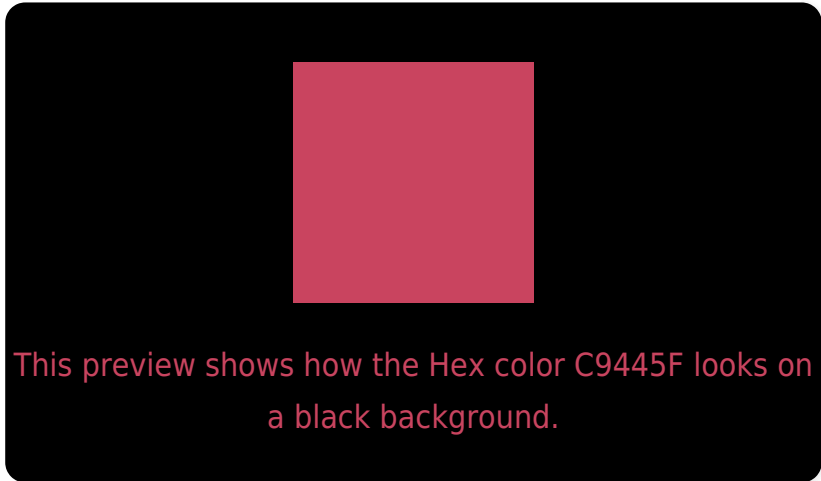
Large Text (above 18pt) WCAG AA ✓ Pass

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 C9445F Background



This preview shows how black text looks on a background with the Hex color C9445F.

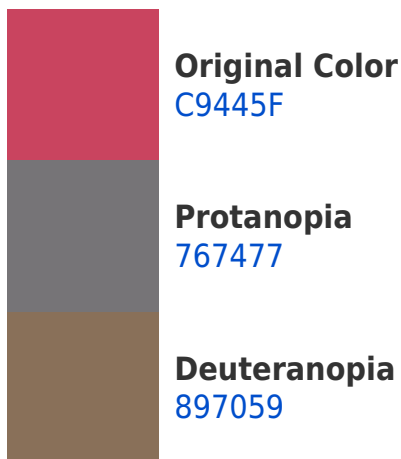



This preview shows how white text looks on a background with the Hex color C9445F.

# 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**  
C8484C

# Trichromacy



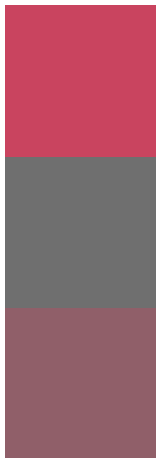
**Original Color**  
C9445F

**Protanomaly**  
94636E

**Deuteranomaly**  
A0605B

**Tritanomaly**  
C84753

# Monochromacy



**Original Color**  
C9445F

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
905F69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9445F 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 #C9445F looks like.

```
.text, #text, p{  
    color:#C9445F  
}
```

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 #C9445F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9445F
}
```

## Border

The CSS property to change the border of an element to Hex C9445F 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
#C9445F }
```

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

```
.border{ border-color:#C9445F }
```

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

Here you see how a box with a 4 pixel #C9445F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9445F; -webkit-box-shadow:4px 4px  
4px 4px #C9445F; box-shadow:4px 4px 4px  
4px #C9445F }
```

# Background

The CSS property to change the background color of an element to Hex C9445F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9445F }
```

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

```
.background{ background-color:#C9445F }
```

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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