

# Converting Colors

Hex(CF495F)

Have a look what the booklet for  
Hex(CF495F) contains.

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# Color

**Hex(CF495F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF495F
RGB	207, 73, 95
RGB Percent	81%, 29%, 37%
CMY	0.1882, 0.7137, 0.6275
CMYK	0.00, 0.65, 0.54, 0.19
HSL	350°, 58%, 55%
HSV	350°, 65%, 81%
XYZ	30.1802, 18.8567, 12.8755
YIQ	115.5740, 72.8020, 35.2500

# Conversions

## Conversions Part 2

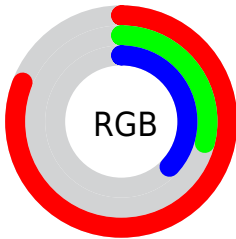
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 73, 95
Decimal	13584735
CIE <sub>Lab</sub>	50.52, 54.39, 16.52
CIE <sub>LCh</sub>	51, 56.846, 16.896
Yxy	18.8567, 0.4875, 0.3046
Android (android.graphics.Color)	4291774815 (0xFFCF495F)
YUV	115.5740, -10.1430, 80.1806
Hunter-Lab	43.4243, 48.0663, 12.8173

# Details

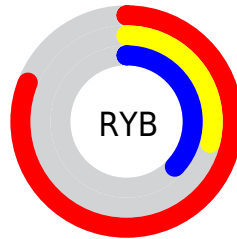
The Hex color **CF495F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **49CFB9**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8091**, and **930131** is the 20% darker color. If you saturate the color by 10%, you get **CF344E**, and if you desaturate by 10%, it is **CF5E70**.

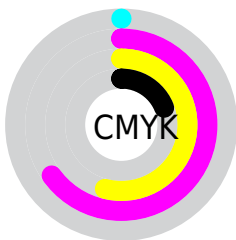
# Distribution



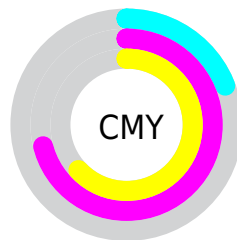
- Red (81%)
- Green (29%)
- Blue (37%)



- Red (81%)
- Yellow (29%)
- Blue (37%)



- Cyan (0%)
- Magenta (65%)
- Yellow (54%)
- Black (19%)



- Cyan (19%)
- Magenta (71%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF495F 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 CF495F by changing the saturation by 10% instead.





CF495F



CF495F

FFFFFF



B12C47



FF8091



930131



FF9CAC



75001D



FFB8C7



590003



FFD5E3



3E0002



FFF2FF



1B0001



000000



CF495F



CF495F



CF344E



CF5E70

 CF203C

 CF7282

 CF0B2B

 CF8793

 CF0022

 CF9CA4

 CFB1B6

 CFC5C7

 CFDAD8

 CFEFE9

 CFFFFB

# Harmonies

## Analogous

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



C54B90



CF495F



C15A33

# Triad

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



CF495F



3B8831



0084D7

# Complementary

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



CF495F



49CFB9

# 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.



008CBE



CF495F



008E61

# Square

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



CF495F



767E05



008F93



4A74D5

# Rectangle

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



CF495F



AE6818



008F93



0087D1



# Sweetspot

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



CF495F



FFCFD7



B949CF



806267



000000



808080



# Same Dimension

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



CF495F



FF3859



CF7649



695E60



A8001C



290007



# Inverse Universe

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



CF495F



FF3859



49A2CF



695E60



A8001C



290007



# Previews

## White Background



This preview shows how the Hex color CF495F looks on a white background.

## Color Contrast Check

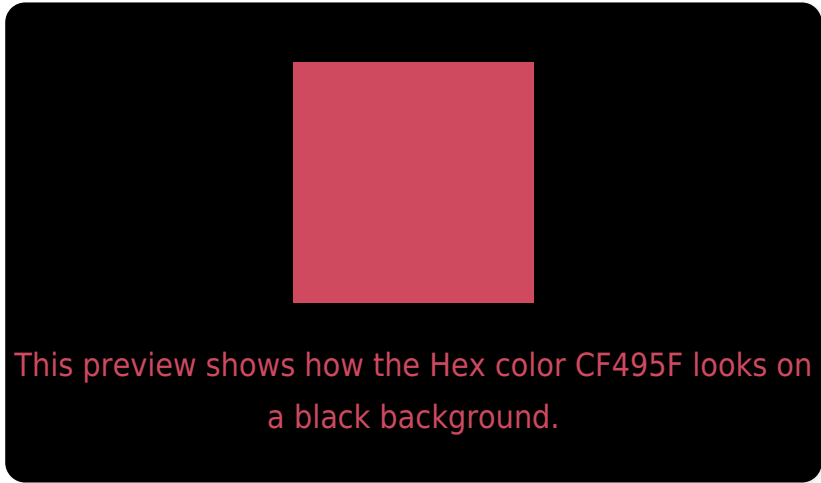
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF495F Background



This preview shows how black text looks on a background with the Hex color CF495F.



This preview shows how white text looks on a background with the Hex color CF495F.

# 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





# Trichromacy



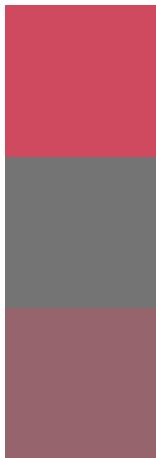
**Original Color**  
CF495F

**Protanomaly**  
9A676E

**Deuteranomaly**  
A6645B

**Tritanomaly**  
CE4B55

# Monochromacy



**Original Color**  
CF495F

**Achromatopsia**  
747474

**Achromatomaly**  
95646C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF495F 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 #CF495F looks like.

```
.text, #text, p{  
    color:#CF495F  
}
```

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 #CF495F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF495F
}
```

## Border

The CSS property to change the border of an element to Hex CF495F is called "border". The border property can be set on classes, ids or directly on the HTML element.

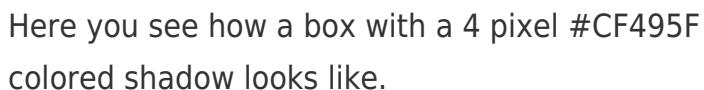
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF495F }
```

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

```
.border{ border-color:#CF495F }
```

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



Here you see how a box with a 4 pixel `#CF495F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF495F; -webkit-box-shadow:4px 4px  
4px 4px #CF495F; box-shadow:4px 4px 4px  
4px #CF495F }
```

# Background

The CSS property to change the background color of an element to Hex CF495F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF495F }
```

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

```
.background{ background-color:#CF495F }
```

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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