

# Converting Colors

Hex(CF0A4E)

Have a look what the booklet for  
Hex(CF0A4E) contains.

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# Color

**Hex(CF0A4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF0A4E
RGB	207, 10, 78
RGB Percent	81%, 4%, 31%
CMY	0.1882, 0.9608, 0.6941
CMYK	0.00, 0.95, 0.62, 0.19
HSL	339°, 91%, 43%
HSV	339°, 95%, 81%
XYZ	27.2158, 14.0325, 8.4818
YIQ	76.6550, 95.5840, 62.9120

# Conversions

## Conversions Part 2

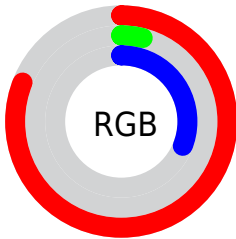
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 10, 78
Decimal	13568590
CIE <sub>Lab</sub>	44.28, 69.73, 18.51
CIE <sub>LCh</sub>	44, 72.148, 14.869
Yxy	14.0325, 0.5473, 0.2822
Android (android.graphics.Color)	4291758670 (0xFFCF0A4E)
YUV	76.6550, 0.6631, 114.3126
Hunter-Lab	37.4600, 64.1304, 12.7974

# Details

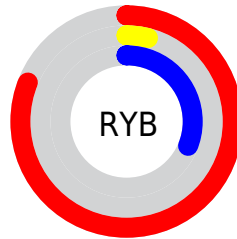
The Hex color **CF0A4E** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **0ACF8B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5A7F**, and **910023** is the 20% darker color. If you saturate the color by 10%, you get **CF0047**, and if you desaturate by 10%, it is **CF1F5C**.

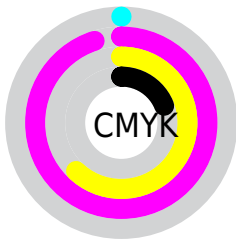
# Distribution



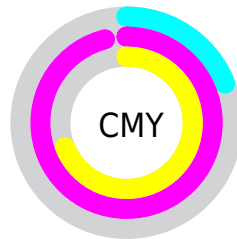
- Red (81%)
- Green (4%)
- Blue (31%)



- Red (81%)
- Yellow (4%)
- Blue (31%)



- Cyan (0%)
- Magenta (95%)
- Yellow (62%)
- Black (19%)



- Cyan (19%)
- Magenta (96%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF0A4E 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 CF0A4E by changing the saturation by 10% instead.



 CF0A4E

 CF0A4E

FFFFFF

 B00038

 FF5A7F

 910023

 FF7898

 72000E

 FF95B3

 540002

 FFB2CE

 360002

 FFD0EB

 050000

 FFEEFF

 000000

 CF0A4E

 CF0A4E

 CF0047

 CF1F5C

 CF3369

 CF4877

 CF5D84

 CF7292

 CF869F

 CF9BAD

 CFB0BA

 CFC4C8

# Harmonies

## Analogous

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



C21A8A



CF0A4E



BE3A11

# Triad

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



CF0A4E



007B00



0079DE

# Complementary

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



CF0A4E



0ACF8B

# 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.



0080BD



CF0A4E



008047

# Square

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



CF0A4E



646F00



008286



0066DE

# Rectangle

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



CF0A4E



A75100



008286



007CD6



# Sweetspot

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



CF0A4E



FFB5CF



8A0ACF



805362



000000



808080



# Same Dimension

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



CF0A4E



FF0058



CF280A



695E62



A8003A



29000E



# Inverse Universe

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



CF0A4E



FF0058



0AB1CF



695E62



A8003A



29000E



# Previews

## White Background



This preview shows how the Hex color CF0A4E looks on a white background.

## Color Contrast Check

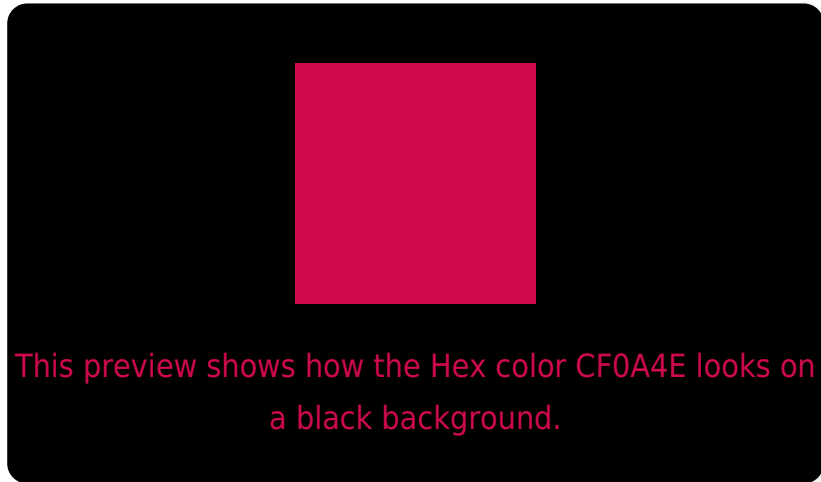
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF0A4E Background



This preview shows how black text looks on a background with the Hex color CF0A4E.

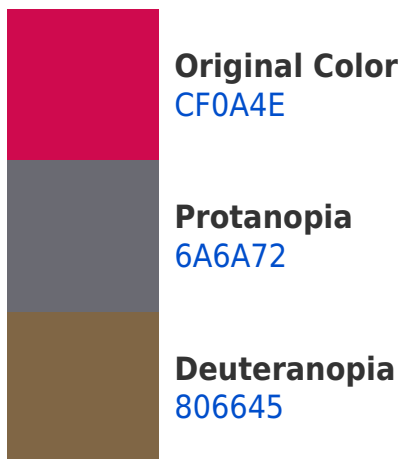


This preview shows how white text looks on a background with the Hex color CF0A4E.

# 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**  
CF0A4E



**Protanomaly**  
8F4765



**Deuteranomaly**  
9D4548



**Tritanomaly**  
CE182F

# Monochromacy



**Original Color**  
CF0A4E



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
7C354D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF0A4E 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 #CF0A4E looks like.

```
.text, #text, p{  
    color:#CF0A4E  
}
```

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 #CF0A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF0A4E
}
```

## Border

The CSS property to change the border of an element to Hex CF0A4E 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
#CF0A4E }
```

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

```
.border{ border-color:#CF0A4E }
```

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

Here you see how a box with a 4 pixel #CF0A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF0A4E; -webkit-box-shadow:4px 4px  
4px 4px #CF0A4E; box-shadow:4px 4px 4px  
4px #CF0A4E }
```

# Background

The CSS property to change the background color of an element to Hex CF0A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF0A4E }
```

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

```
.background{ background-color:#CF0A4E }
```

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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