

# Converting Colors

Hex(CF2742)

Have a look what the booklet for  
Hex(CF2742) contains.

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# Color

Hex(CF2742)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF2742
RGB	207, 39, 66
RGB Percent	81%, 15%, 26%
CMY	0.1882, 0.8471, 0.7412
CMYK	0.00, 0.81, 0.68, 0.19
HSL	350°, 68%, 48%
HSV	350°, 81%, 81%
XYZ	27.4410, 15.1098, 6.6244
YIQ	92.3100, 91.4610, 44.0130

# Conversions

## Conversions Part 2

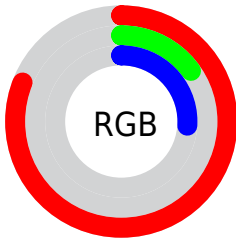
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 39, 66
Decimal	13576002
CIE Lab	45.78, 64.15, 27.86
CIE LCh	46, 69.942, 23.477
Yxy	15.1098, 0.5580, 0.3073
Android (android.graphics.Color)	4291766082 (0xFFCF2742)
YUV	92.3100, -12.9708, 100.5831
Hunter-Lab	38.8713, 57.9864, 17.1057

# Details

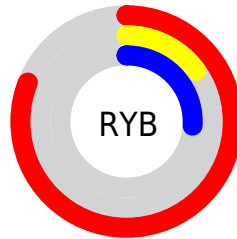
The Hex color **CF2742** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **27CFB4**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6672**, and **910018** is the 20% darker color. If you saturate the color by 10%, you get **CF1231**, and if you desaturate by 10%, it is **CF3C53**.

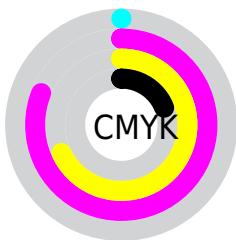
# Distribution



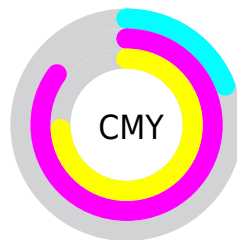
- Red (81%)
- Green (15%)
- Blue (26%)



- Red (81%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (81%)
- Yellow (68%)
- Black (19%)



- Cyan (19%)
- Magenta (85%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF2742 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 CF2742 by changing the saturation by 10% instead.



 CF2742

 CF2742

FFFFFF

 B0002C

 FF6672

 910018

 FF838B

 720000

 FF9FA6

 530001

 FFBC1

 360002

 FFDADC

 070000

 FFF7F9

 000000

 CF2742

 CF2742

 CF1231

 CF3C53

 CF0021

 CF5065

 CF6576

 CF7A87

 CF8F99

 CFA3AA

 CFB8BC

 CFCDCD

 CFE1DE

# Harmonies

## Analogous

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



CB1E7C



CF2742



B84A00

# Triad

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



CF2742



00801D



0078E2

# Complementary

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



CF2742



27CFB4

# 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.



0082CB



CF2742



00855D

# Square

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



CF2742



587700



00859A



4463D9

# Rectangle

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



CF2742



9E5E00



00859A



007CDE



# Sweetspot

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



CF2742



FFC2CC



B327CF



805B60



000000



808080



# Same Dimension

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



CF2742



FF082F



CF5F27



695E60



A8001B



290007



# Inverse Universe

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



CF2742



FF082F



2797CF



695E60



A8001B



290007



# Previews

## White Background



This preview shows how the Hex color CF2742 looks on a white background.

## Color Contrast Check

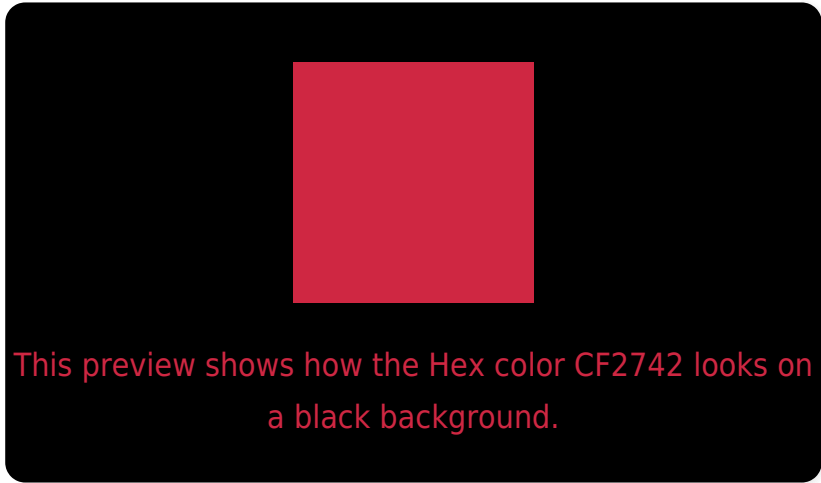
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF2742 Background



This preview shows how black text looks on a background with the Hex color CF2742.

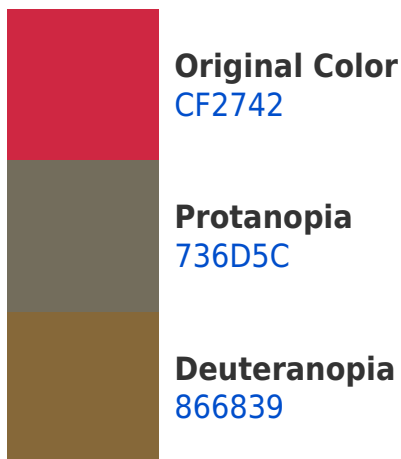


This preview shows how white text looks on a background with the Hex color CF2742.

# 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**  
CF2742

**Protanomaly**  
945453

**Deuteranomaly**  
A1503C

**Tritanomaly**  
CE2A34

# Monochromacy



**Original Color**  
CF2742

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
864953

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF2742 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 #CF2742 looks like.

```
.text, #text, p{  
    color:#CF2742  
}
```

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 #CF2742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF2742
}
```

## Border

The CSS property to change the border of an element to Hex CF2742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

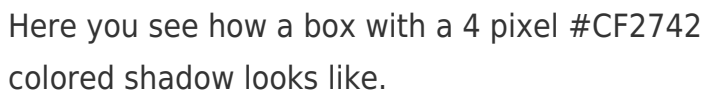
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF2742 }
```

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

```
.border{ border-color:#CF2742 }
```

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



Here you see how a box with a 4 pixel `#CF2742` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF2742; -webkit-box-shadow:4px 4px  
4px 4px #CF2742; box-shadow:4px 4px 4px  
4px #CF2742 }
```

# Background

The CSS property to change the background color of an element to Hex CF2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF2742 }
```

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

```
.background{ background-color:#CF2742 }
```

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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