

# Converting Colors

Hex(C02F74)

Have a look what the booklet for  
Hex(C02F74) contains.

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**Color**

**Hex(C02F74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C02F74
RGB	192, 47, 116
RGB Percent	75%, 18%, 45%
CMY	0.2471, 0.8157, 0.5451
CMYK	0.00, 0.76, 0.40, 0.25
HSL	331°, 61%, 47%
HSV	331°, 76%, 75%
XYZ	25.9071, 14.5005, 17.9564
YIQ	98.2210, 64.2710, 52.1990

# Conversions

## Conversions Part 2

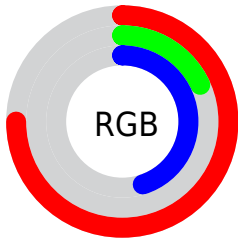
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 47, 116
Decimal	12595060
CIE <sub>Lab</sub>	44.94, 61.51, -4.60
CIE <sub>LCh</sub>	45, 61.678, 355.719
Yxy	14.5005, 0.4439, 0.2484
Android (android.graphics.Color)	4290785140 (0xFFC02F74)
YUV	98.2210, 8.7650, 82.2442
Hunter-Lab	38.0795, 54.8023, -1.3026

# Details

The Hex color **C02F74** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **2FC07B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FC6AA8**, and **850044** is the 20% darker color. If you saturate the color by 10%, you get **C01C6A**, and if you desaturate by 10%, it is **C0427E**.

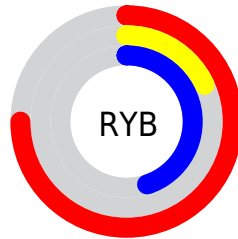
# Distribution



Red (75%)

Green (18%)

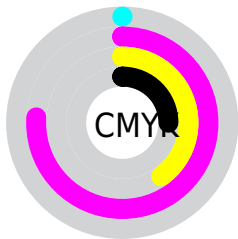
Blue (45%)



Red (75%)

Yellow (18%)

Blue (45%)

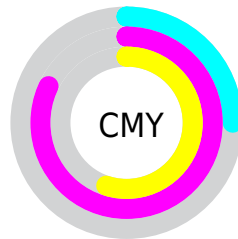


Cyan (0%)

Magenta (76%)

Yellow (40%)

Black (25%)



Cyan (25%)

Magenta (82%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C02F74 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 C02F74 by changing the saturation by 10% instead.



 C02F74

 C02F74

FFFFFF

 A2005B

 FC6AA8

 850044

 FF87C3

 69002E

 FFA3DF

 4C001A

 FFC0FC

 320002

 FFDDFF

 000000

 FFFBFF

 C02F74

 C02F74

 C01C6A

 C0427E

 C00960

 C05588

 C0005B

 C06992

 C07C9C

 C08FA6

 C0A2B0

 C0B5BA

 C0C9C5

 C0DCCF

# Harmonies

## Analogous

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



A045A5



C02F74



C23641

# Triad

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



C02F74



567400



007DBF

# Complementary

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



C02F74



2FC07B

# 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.



008196



C02F74



007D2B

# Square

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



C02F74



876600



008161



0073D2

# Rectangle

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



C02F74



B64721



008161



007FB3



# Sweetspot

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



C02F74



FAC0DC



7A2FC0



7D5A6B



FCFCFC



7D7D7D



# Same Dimension

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



C02F74



FA1683



C0312F



61575C



A1004C



210010



# Inverse Universe

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



C02F74



FA1683



2FBEC0



61575C



A1004C

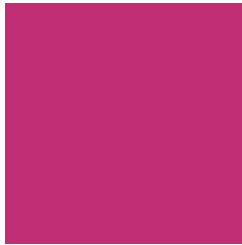


210010



# Previews

## White Background



This preview shows how the Hex color C02F74 looks on a white background.

## Color Contrast Check

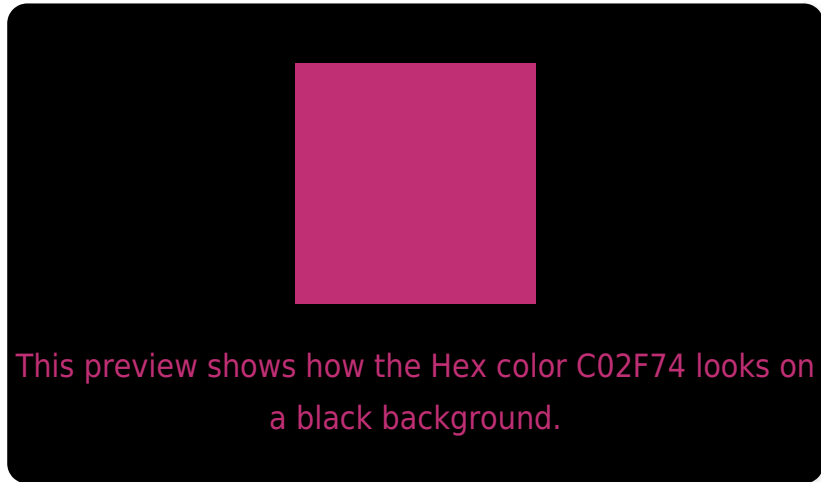
Large Text (above 18pt) WCAG AA ✓ Pass

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 C02F74 Background



This preview shows how black text looks on a background with the Hex color C02F74.



This preview shows how white text looks on a background with the Hex color C02F74.

# 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](#).

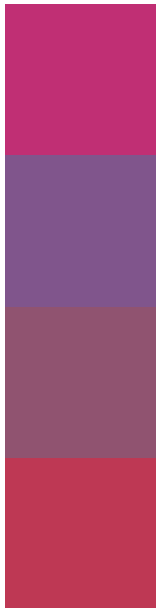
## Dichromacy





**Tritanopia**  
BD3D41

# Trichromacy



**Original Color**  
C02F74

**Protanomaly**  
80558C

**Deuteranomaly**  
905370

**Tritanomaly**  
BE3854

# Monochromacy



**Original Color**  
C02F74

**Achromatopsia**  
626262

**Achromatomaly**  
844F69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C02F74 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 #C02F74 looks like.

```
.text, #text, p{  
    color:#C02F74  
}
```

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 #C02F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C02F74
}
```

## Border

The CSS property to change the border of an element to Hex C02F74 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
#C02F74 }
```

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

```
.border{ border-color:#C02F74 }
```

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

Here you see how a box with a 4 pixel #C02F74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C02F74; -webkit-box-shadow:4px 4px  
4px 4px #C02F74; box-shadow:4px 4px 4px  
4px #C02F74 }
```

# Background

The CSS property to change the background color of an element to Hex C02F74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C02F74 }
```

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

```
.background{ background-color:#C02F74 }
```

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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