

Converting Colors

Hex(F04749)

Have a look what the booklet for
Hex(F04749) contains.

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Color

Hex(F04749)

Conversions

Conversions Part 1

Format	Color
Hex	F04749
RGB	240, 71, 73
RGB Percent	94%, 28%, 29%
CMY	0.0588, 0.7216, 0.7137
CMYK	0.00, 0.70, 0.70, 0.06
HSL	359°, 85%, 61%
HSV	359°, 70%, 94%
XYZ	39.3910, 23.5128, 8.7656
YIQ	121.7590, 100.0820, 36.4500

Conversions

Conversions Part 2

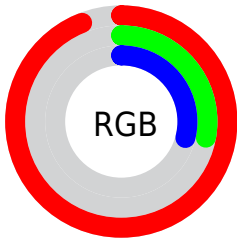
Format	Color
R_{YB}	240, 71, 73
Decimal	15746889
CIE _{Lab}	55.60, 64.18, 37.08
CIE _{LCh}	56, 74.121, 30.021
Yxy	23.5128, 0.5496, 0.3281
Android (android.graphics.Color)	4293936969 (0xFFFF04749)
YUV	121.7590, -24.0382, 103.6974
Hunter-Lab	48.4900, 60.1477, 23.2250

Details

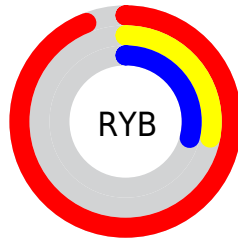
The Hex color **F04749** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **47F0EE**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF817A**, and **B0001D** is the 20% darker color. If you saturate the color by 10%, you get **F02F31**, and if you desaturate by 10%, it is **F05F61**.

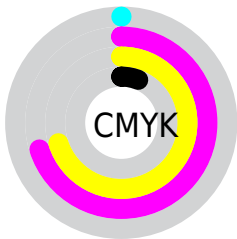
Distribution



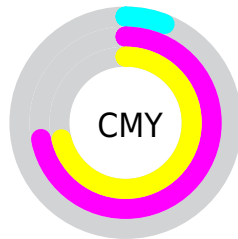
- Red (94%)
- Green (28%)
- Blue (29%)



- Red (94%)
- Yellow (28%)
- Blue (29%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (6%)



- Cyan (6%)
- Magenta (72%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color F04749 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 F04749 by changing the saturation by 10% instead.

 F04749

 F04749

FFFFFF

 D02532

 FF817A

 B0001D

 FF9E94

 910006

 FFBBAF

 720000

 FFD8CA

 530001

 FFF6E6

 360002

 050000

 000000

 F04749

 F04749

 F02F31

 F05F61

 F0171A

 F07778

 F00003

 F08F90

 F0A7A8

 F0BFC0

 F0D7D7

 F0EFEF

 F0FFFF

Harmonies

Analogous

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



F33788



F04749



D26800

Triad

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



F04749



009D40



008DFF

Complementary

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



F04749



47F0EE

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.



009CF5



F04749



00A183

Square

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



F04749



609400



00A1C4



7E74F6

Rectangle

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



F04749



B37B00



00A1C4



0093FF

Sweetspot

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



F04749



FFC9CA



ED47F0



806060



000000



808080

Same Dimension

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



F04749



FF2629



F09947



786C6C



B80002



380001

Inverse Universe

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



F04749



FF2629



479EF0



786C6C



B80002



380001

Previews

White Background



This preview shows how the Hex color F04749 looks on a white background.

Color Contrast Check

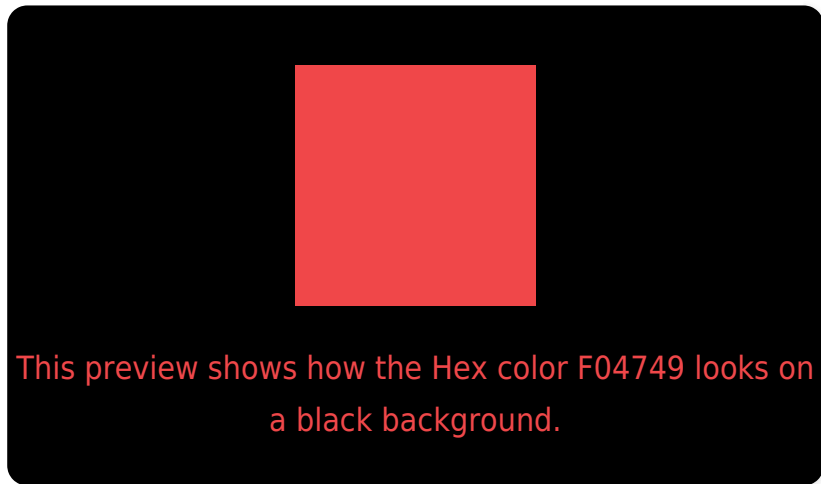
Large Text (above 18pt) WCAG AA ✓ Pass

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 F04749 Background



This preview shows how black text looks on a background with the Hex color F04749.



This preview shows how white text looks on a background with the Hex color F04749.

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



Original Color
F04749

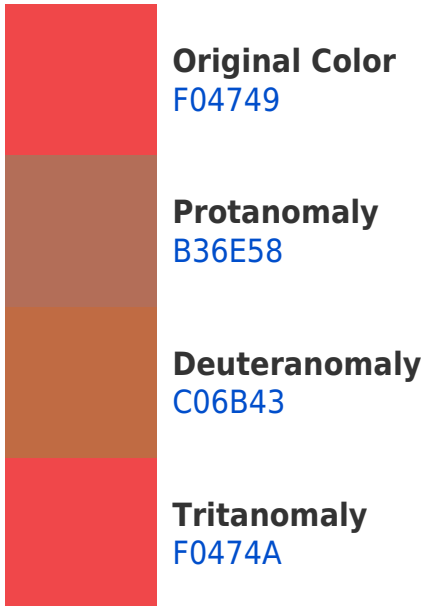
Protanopia
908560

Deuteranopia
A57F3F

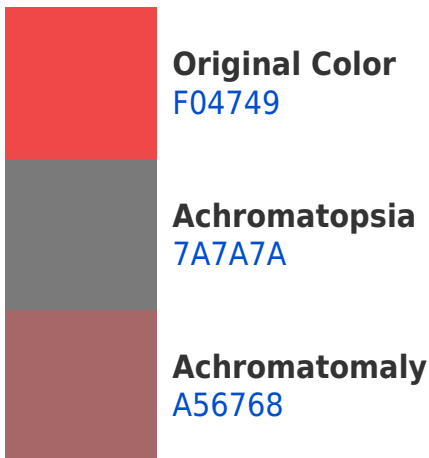


Tritanopia
F0474A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F04749 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 #F04749 looks like.

```
.text, #text, p{  
    color:#F04749  
}
```

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 #F04749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F04749
}
```

Border

The CSS property to change the border of an element to Hex F04749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

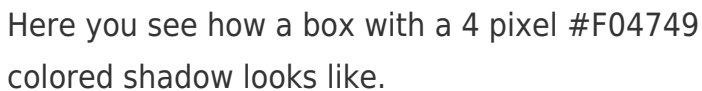
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F04749 }
```

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

```
.border{ border-color:#F04749 }
```

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



Here you see how a box with a 4 pixel #F04749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F04749; -webkit-box-shadow:4px 4px  
4px 4px #F04749; box-shadow:4px 4px 4px  
4px #F04749 }
```

Background

The CSS property to change the background color of an element to Hex F04749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F04749 }
```

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

```
.background{ background-color:#F04749 }
```

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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