

# Converting Colors

Hex(F17504)

Have a look what the booklet for  
Hex(F17504) contains.

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**Color**

**Hex(F17504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F17504
RGB	241, 117, 4
RGB Percent	95%, 46%, 2%
CMY	0.0549, 0.5412, 0.9843
CMYK	0.00, 0.51, 0.98, 0.05
HSL	29°, 97%, 48%
HSV	29°, 98%, 95%
XYZ	42.6588, 31.4321, 3.9335
YIQ	141.1940, 110.1770, -8.8550

# Conversions

## Conversions Part 2

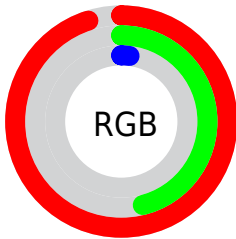
Format	Color
R <sub>Y</sub> B	241, 220, 4
Decimal	15824132
CIE Lab	62.87, 42.86, 69.87
CIE LCh	63, 81.966, 58.474
Yxy	31.4321, 0.5467, 0.4028
Android (android.graphics.Color)	4294014212 (0xFFFF17504)
YUV	141.1940, -67.6366, 87.5299
Hunter-Lab	56.0644, 37.7063, 35.0852

# Details

The Hex color **F17504** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **0480F1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAB47**, and **B14100** is the 20% darker color. If you saturate the color by 10%, you get **F17300**, and if you desaturate by 10%, it is **F1821C**.

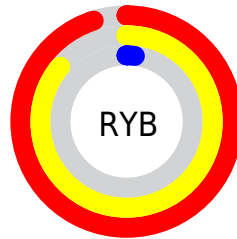
# Distribution



Red (95%)

Green (46%)

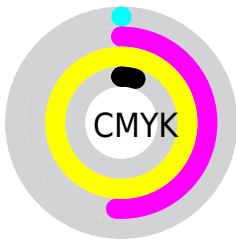
Blue (2%)



Red (95%)

Yellow (86%)

Blue (2%)

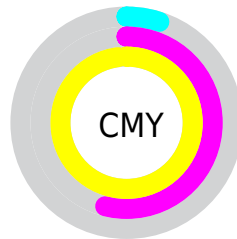


Cyan (0%)

Magenta (51%)

Yellow (98%)

Black (5%)



Cyan (5%)

Magenta (54%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F17504 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 F17504 by changing the saturation by 10% instead.



 F17504

 F17504

FFFFFF

 D15B00

 FFAB47

 B14100

 FFC763

 922700

 FFE37E

 730600

 FFFF99

 550000

 FFFFB5


 3A0001

 FFFFD2

 190001

 FFFFEE

 000000

 F17504

 F17504

 F17300

 F1821C

 F18E34

 F19B4C

 F1A764

 F1B47C

 F1C195

 F1CDAD

 F1DAC5

 F1E6DD

# Harmonies

## Analogous

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



FF5057



F17504



BA9400

# Triad

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



F17504



00B892



8886FF

# Complementary

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



F17504



0480F1

# 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.



00A3FF



F17504



00B8DC

# Square

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



F17504



00B346



00B2FF



EA5FE6

# Rectangle

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



F17504



8DA200



00B2FF



4691FF



# Sweetspot

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



F17504



FFD7B3



F10482



806752



000000



808080



# Same Dimension

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



F17504



FF7A00



F1E904



78726C



B85800



381B00



# Inverse Universe

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



0480F1



0085FF



040CF1



6C7278



0060B8



001D38



# Previews

## White Background



This preview shows how the Hex color F17504 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F17504 Background



This preview shows how black text looks on a background with the Hex color F17504.



This preview shows how white text looks on a background with the Hex color F17504.

# 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**  
F17504

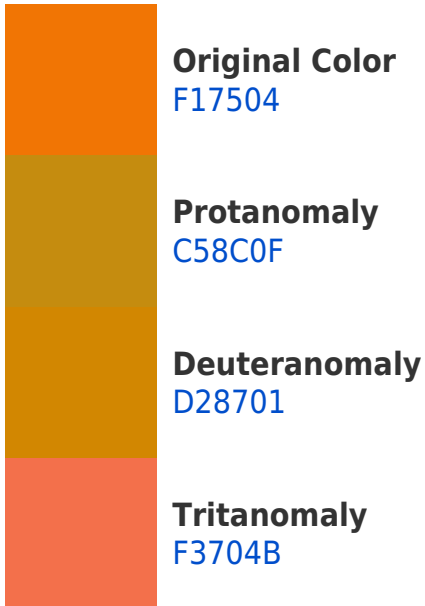
**Protanopia**  
AC9916

**Deuteranopia**  
C19100

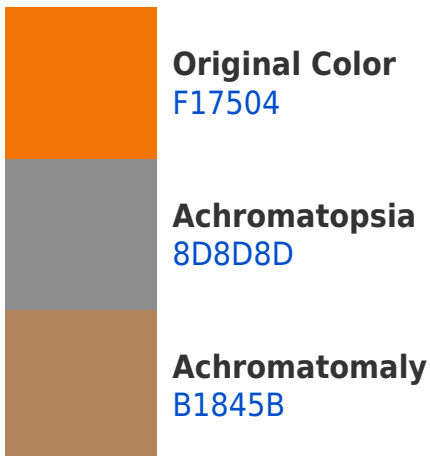


**Tritanopia**  
F46D74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F17504 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 #F17504 looks like.

```
.text, #text, p{  
    color:#F17504  
}
```

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 #F17504 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F17504
}
```

## Border

The CSS property to change the border of an element to Hex F17504 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
#F17504 }
```

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

```
.border{ border-color:#F17504 }
```

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

Here you see how a box with a 4 pixel #F17504 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F17504; -webkit-box-shadow:4px 4px  
4px 4px #F17504; box-shadow:4px 4px 4px  
4px #F17504 }
```

# Background

The CSS property to change the background color of an element to Hex F17504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F17504 }
```

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

```
.background{ background-color:#F17504 }
```

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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