

Converting Colors

Hex(FF6045)

Have a look what the booklet for
Hex(FF6045) contains.

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Color

Hex(F6045)

Conversions

Conversions Part 1

Format	Color
Hex	FF6045
RGB	255, 96, 69
RGB Percent	100%, 38%, 27%
CMY	0.0000, 0.6235, 0.7294
CMYK	0.00, 0.62, 0.73, 0.00
HSL	9°, 100%, 64%
HSV	9°, 73%, 100%
XYZ	46.4970, 30.0554, 8.9808
YIQ	140.4630, 103.4310, 25.3110

Conversions

Conversions Part 2

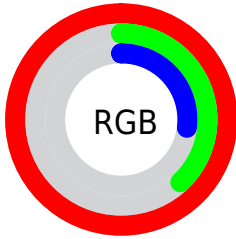
Format	Color
R_{YB}	255, 101, 69
Decimal	16736325
CIE Lab	61.70, 59.05, 46.91
CIE LCh	62, 75.415, 38.464
Yxy	30.0554, 0.5436, 0.3514
Android (android.graphics.Color)	4294926405 (0xFFFF6045)
YUV	140.4630, -35.2313, 100.4489
Hunter-Lab	54.8228, 55.4518, 28.6633

Details

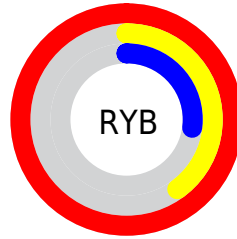
The Hex color **FF6045** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **45E4FF**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF9877**, and **BF2316** is the 20% darker color. If you saturate the color by 10%, you get **FF4A2B**, and if you desaturate by 10%, it is **FF765E**.

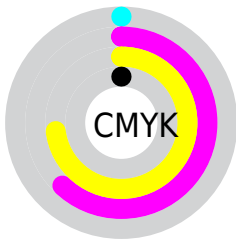
Distribution



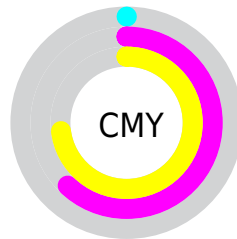
- Red (100%)
- Green (38%)
- Blue (27%)



- Red (100%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (62%)
- Yellow (73%)
- Black (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6045 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 FF6045 by changing the saturation by 10% instead.

 FF6045

 FF6045

FFFFFF

 DF432D

 FF9877

 BF2316

 FFB591

 9F0000

 FFD2AC

 800000

 FFEFC7

 610000

 FFFFEE

 440002

 250001

 000000

 FF6045

 FF6045

■ FF4A2B

■ FF765E

■ FF3412

■ FF8C78

■ FF2500

■ FFA192

■ FFB7AB

■ FFCDC4

■ FFE3DE

■ FFF9F7

FFFFFF

Harmonies

Analogous

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



FF4A85



FF6045



D97F00

Triad

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



FF6045



00B061



0097FF

Complementary

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



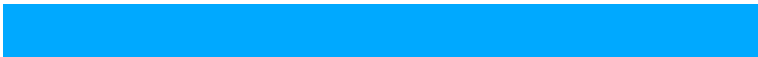
FF6045



45E4FF

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.



00A9FF



FF6045



00B3A7

Square

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



FF6045



58A818



00B2E7



AE7AFF

Rectangle

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



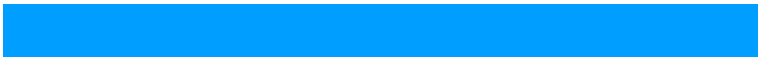
FF6045



B69100



00B2E7



009EFF

Sweetspot

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



FF6045



FFCFC7



FF45E6



80635E



000000



808080

Same Dimension

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



FF6045



FF3F1F



FFBB45



807573



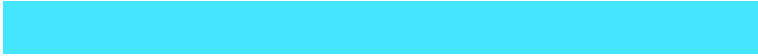
BF1C00



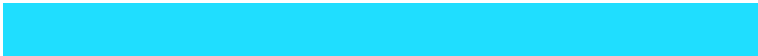
400900

Inverse Universe

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



45E4FF



1FDEFF



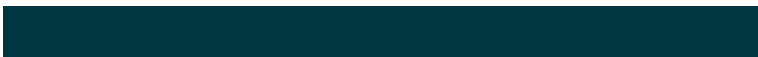
4589FF



737E80



00A3BF



003640

Previews

White Background



This preview shows how the Hex color FF6045 looks on a white background.

Color Contrast Check

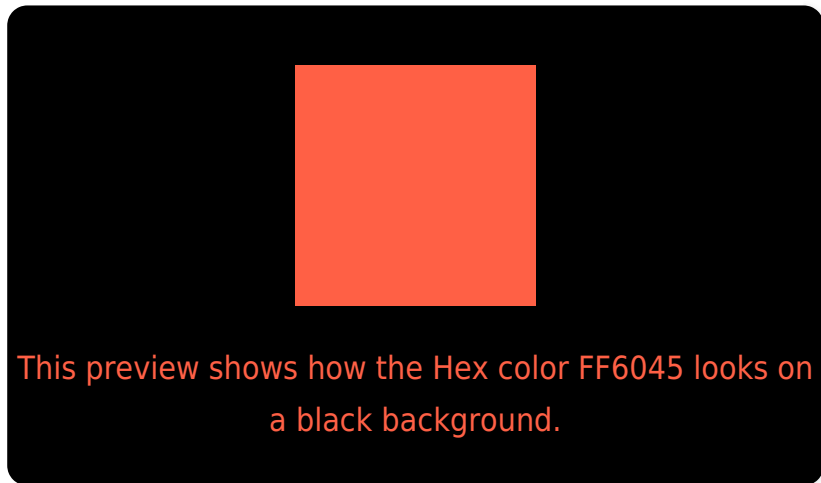
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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

Hex FF6045 Background



This preview shows how black text looks on a background with the Hex color FF6045.

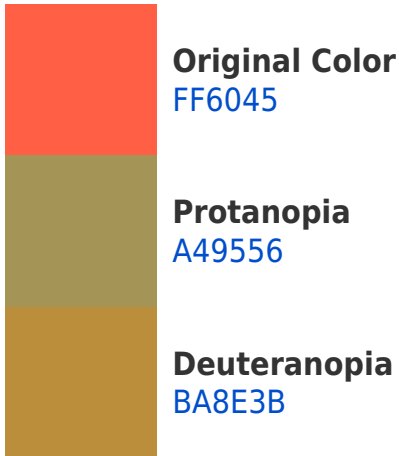


This preview shows how white text looks on a background with the Hex color FF6045.

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
FF5D63

Trichromacy



Original Color
FF6045

Protanomaly
C58250

Deuteranomaly
D37D3F

Tritanomaly
FF5E58

Monochromacy



Original Color
FF6045

Achromatopsia
8C8C8C

Achromatomaly
B67C72

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6045 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 #FF6045 looks like.

```
.text, #text, p{  
    color:#FF6045  
}
```

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 #FF6045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6045
}
```

Border

The CSS property to change the border of an element to Hex FF6045 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
#FF6045 }
```

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

```
.border{ border-color:#FF6045 }
```

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

Here you see how a box with a 4 pixel #FF6045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6045; -webkit-box-shadow:4px 4px  
4px 4px #FF6045; box-shadow:4px 4px 4px  
4px #FF6045 }
```

Background

The CSS property to change the background color of an element to Hex FF6045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6045 }
```

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

```
.background{ background-color:#FF6045 }
```

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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