

Converting Colors

Hex(FF6945)

Have a look what the booklet for
Hex(FF6945) contains.

Hex(FF6945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F6945)

Conversions

Conversions Part 1

Format	Color
Hex	FF6945
RGB	255, 105, 69
RGB Percent	100%, 41%, 27%
CMY	0.0000, 0.5882, 0.7294
CMYK	0.00, 0.59, 0.73, 0.00
HSL	12°, 100%, 64%
HSV	12°, 73%, 100%
XYZ	47.3658, 31.7928, 9.2704
YIQ	145.7460, 100.9560, 20.6040

Conversions

Conversions Part 2

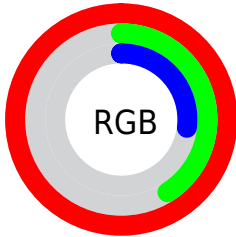
Format	Color
R_{YB}	255, 114, 69
Decimal	16738629
CIE Lab	63.17, 55.16, 48.52
CIE LCh	63, 73.457, 41.336
Yxy	31.7928, 0.5356, 0.3595
Android (android.graphics.Color)	4294928709 (0xFFFF6945)
YUV	145.7460, -37.8358, 95.8158
Hunter-Lab	56.3851, 51.2732, 29.7216

Details

The Hex color **FF6945** 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 **45DBFF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA177**, and **BF3015** is the 20% darker color. If you saturate the color by 10%, you get **FF542B**, and if you desaturate by 10%, it is **FF7E5E**.

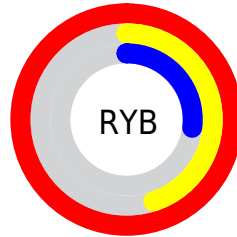
Distribution



Red (100%)

Green (41%)

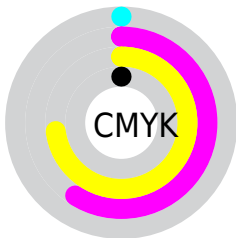
Blue (27%)



Red (100%)

Yellow (45%)

Blue (27%)

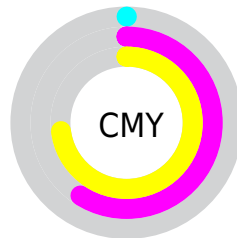


Cyan (0%)

Magenta (59%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6945 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 FF6945 by changing the saturation by 10% instead.

 FF6945

 FF6945

FFFFFF

 DF4D2D

 FFA177

 BF3015

 FFBD91

 A00900

 FFDAAC

 810000

 FFF7C8

 620000

 FFFFE4

 450001

 270001

 000000

 FF6945

 FF6945

■ FF542B

■ FF7E5E

■ FF4012

■ FF9278

■ FF3100

■ FFA792

■ FFBBAB

■ FFD0C4

■ FFE4DE

■ FFF9F7

FFFFFF

Harmonies

Analogous

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



FF5383



FF6945



D88700

Triad

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



FF6945



00B46C



0F98FF

Complementary

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



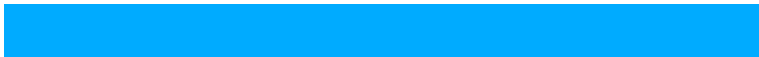
FF6945



45DBFF

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.



00ABFF



FF6945



00B7B1

Square

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



FF6945



56AC2A



00B5EE



BA7CFC

Rectangle

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



FF6945



B49700



00B5EE



00A0FF

Sweetspot

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



FF6945



FFD2C7



FF45DD



80655E



000000



808080

Same Dimension

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



FF6945



FF4A1F



FFC445



807573



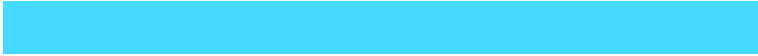
BF2500



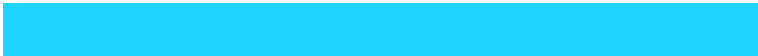
400C00

Inverse Universe

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



45DBFF



1FD4FF



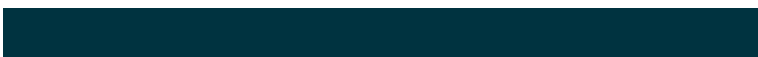
4580FF



737D80



009ABF



003340

Previews

White Background



This preview shows how the Hex color FF6945 looks on a white background.

Color Contrast Check

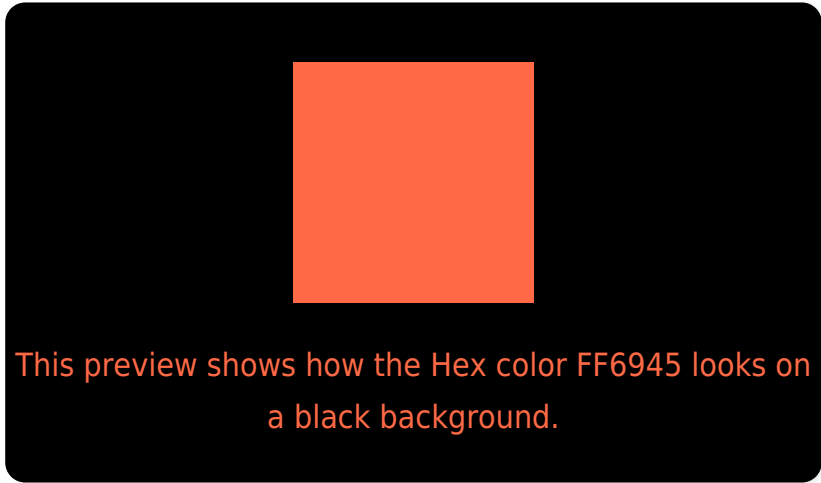
Large Text (above 18pt) WCAG AA × Fail

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 FF6945 Background



This preview shows how black text looks on a background with the Hex color FF6945.



This preview shows how white text looks on a background with the Hex color FF6945.

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
FF666C

Trichromacy



Original Color
FF6945

Protanomaly
C8884F

Deuteranomaly
D6833F

Tritanomaly
FF675E

Monochromacy



Original Color
FF6945

Achromatopsia
929292

Achromatomaly
BA8376

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6945 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 #FF6945 looks like.

```
.text, #text, p{  
    color:#FF6945  
}
```

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 #FF6945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6945  
}
```

Border

The CSS property to change the border of an element to Hex FF6945 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  
#FF6945 }
```

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

```
.border{ border-color:#FF6945 }
```

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

Here you see how a box with a 4 pixel #FF6945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6945; -webkit-box-shadow:4px 4px  
4px 4px #FF6945; box-shadow:4px 4px 4px  
4px #FF6945 }
```

Background

The CSS property to change the background color of an element to Hex FF6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6945 }
```

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

```
.background{ background-color:#FF6945 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor