

Converting Colors

Hex(FD5746)

Have a look what the booklet for
Hex(FD5746) contains.

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Color

Hex(FD5746)

Conversions

Conversions Part 1

Format	Color
Hex	FD5746
RGB	253, 87, 70
RGB Percent	99%, 34%, 27%
CMY	0.0078, 0.6588, 0.7255
CMYK	0.00, 0.66, 0.72, 0.01
HSL	6°, 98%, 63%
HSV	6°, 72%, 99%
XYZ	45.0217, 28.1412, 8.8532
YIQ	134.6960, 104.3930, 29.9050

Conversions

Conversions Part 2

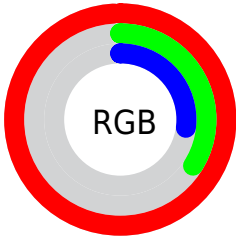
Format	Color
R_{YB}	253, 89, 70
Decimal	16602950
CIE _{Lab}	60.02, 62.10, 44.42
CIE _{LCh}	60, 76.354, 35.572
Yxy	28.1412, 0.5489, 0.3431
Android (android.graphics.Color)	4294793030 (0xFFFD5746)
YUV	134.6960, -31.8951, 103.7526
Hunter-Lab	53.0483, 58.6571, 27.2389

Details

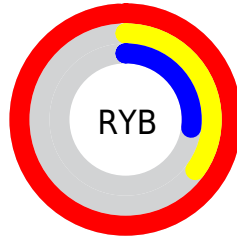
The Hex color **FD5746** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **46ECFD**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9077**, and **BD1218** is the 20% darker color. If you saturate the color by 10%, you get **FD402D**, and if you desaturate by 10%, it is **FD6E5F**.

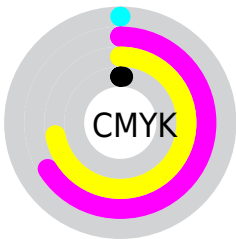
Distribution



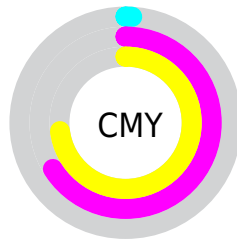
- Red (99%)
- Green (34%)
- Blue (27%)



- Red (99%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (66%)
- Yellow (72%)
- Black (1%)



- Cyan (1%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD5746 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 FD5746 by changing the saturation by 10% instead.

 FD5746

 FD5746

FFFFFF

 DD392F

 FF9077

 BD1218

 FFAD91

 9D0001

 FFCAAC

 7E0000

 FFE7C8

 5E0000

 FFFFE4

 430003

 210001

 000000

 FD5746

 FD5746

■ FD402D

■ FD6E5F

■ FD2913

■ FD8579

■ FD1800

■ FD9C92

■ FDB3AB

■ FDCAC5

■ FDE1DE

■ FDF8F7

■ FDFFFF

Harmonies

Analogous

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



FF4287



FD5746



D97800

Triad

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



FD5746



00AB55



0095FF

Complementary

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



FD5746



46ECFD

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.



00A6FF



FD5746



00AE9C

Square

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



FD5746



5BA200



00ADDE



9F78FF

Rectangle

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



FD5746



B68A00



00ADDE



009CFF

Sweetspot

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



FD5746



FFCC7



FD46EE



80615E



000000



808080

Same Dimension

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



FD5746



FF3621



FDB146



807473



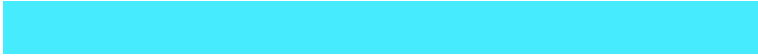
BF1200



400600

Inverse Universe

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



46ECFD



21EAFB



4692FD



737E80



00ADB8



003A40

Previews

White Background



This preview shows how the Hex color FD5746 looks on a white background.

Color Contrast Check

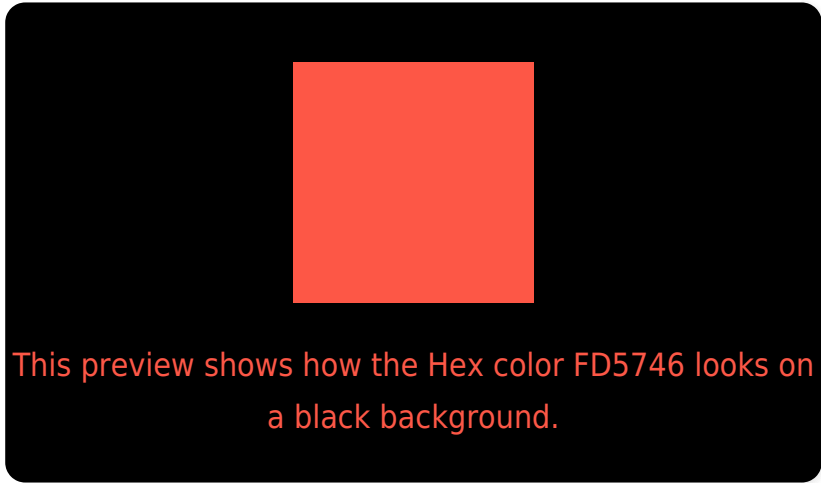
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD5746 Background



This preview shows how black text looks on a background with the Hex color FD5746.



This preview shows how white text looks on a background with the Hex color FD5746.

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
FD5746

Protanopia
9E9159

Deuteranopia
B48A3C

Trichromacy



Original Color
FD5746

Protanomaly
C17C52

Deuteranomaly
CF7740

Tritanomaly
FE5552

Monochromacy



Original Color
FD5746

Achromatopsia
878787

Achromatomaly
B2766F

CSS Examples

Text

The CSS property to change the color of the text to Hex FD5746 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 #FD5746 looks like.

```
.text, #text, p{  
    color:#FD5746  
}
```

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 #FD5746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD5746
}
```

Border

The CSS property to change the border of an element to Hex FD5746 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
#FD5746 }
```

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

```
.border{ border-color:#FD5746 }
```

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

Here you see how a box with a 4 pixel #FD5746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD5746; -webkit-box-shadow:4px 4px  
4px 4px #FD5746; box-shadow:4px 4px 4px  
4px #FD5746 }
```

Background

The CSS property to change the background color of an element to Hex FD5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD5746 }
```

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

```
.background{ background-color:#FD5746 }
```

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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