

Converting Colors

Hex(FD5766)

Have a look what the booklet for
Hex(FD5766) contains.

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Color

Hex(FD5766)

Conversions

Conversions Part 1

Format	Color
Hex	FD5766
RGB	253, 87, 102
RGB Percent	99%, 34%, 40%
CMY	0.0078, 0.6588, 0.6000
CMYK	0.00, 0.66, 0.60, 0.01
HSL	355°, 98%, 67%
HSV	355°, 66%, 99%
XYZ	46.3145, 28.6583, 15.6609
YIQ	138.3440, 94.1210, 39.8570

Conversions

Conversions Part 2

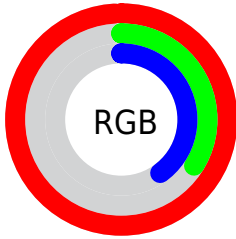
Format	Color
R_{YB}	253, 87, 102
Decimal	16602982
CIE _{Lab}	60.48, 63.81, 27.07
CIE _{LCh}	60, 69.311, 22.990
Yxy	28.6583, 0.5110, 0.3162
Android (android.graphics.Color)	4294793062 (0xFFFD5766)
YUV	138.3440, -17.9176, 100.5533
Hunter-Lab	53.5335, 60.7456, 20.1285

Details

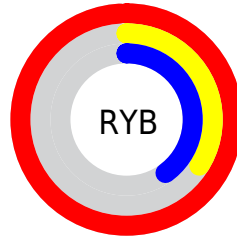
The Hex color **FD5766** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **57FDEE**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9199**, and **BE0F37** is the 20% darker color. If you saturate the color by 10%, you get **FD3E4F**, and if you desaturate by 10%, it is **FD707D**.

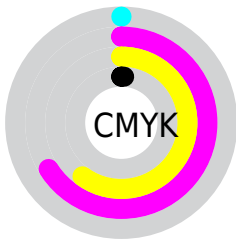
Distribution



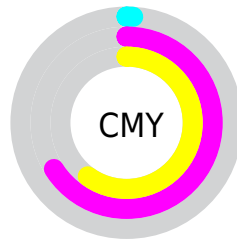
- Red (99%)
- Green (34%)
- Blue (40%)



- Red (99%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (66%)
- Yellow (60%)
- Black (1%)



- Cyan (1%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD5766 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 FD5766 by changing the saturation by 10% instead.

 FD5766

 FD5766

FFFFFF

 DD384E

 FF9199

 BE0F37

 FFADB4

 9F0022

 FFCACF

 80000E

 FFE8EB

 610000

 450003

 240001

 000000

 FD5766

 FD5766

 FD3E4F

 FD707D

 FD2438

 FD8A94

 FD0B21

 FDA3AB

 FD0017

 FDBCC2

 FDD6D9

 FDEFF0

FDFFFF

Harmonies

Analogous

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



F753A3



FD5766



E6702E

Triad

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



FD5766



25A843



009DFF

Complementary

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



FD5766



57FDEE

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.



00A9F3



FD5766



00AD81

Square

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



FD5766



819D00



00AEC0



7288FF

Rectangle

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



FD5766



CB8201



00AEC0



00A2FF

Sweetspot

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



FD5766



FFCCD1



EC57FD



806164



000000



808080

Same Dimension

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



FD5766



FF3648



FD9957



807374



BF0011



400006

Inverse Universe

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



FD5766



FF3648



57BBFD



807374



BF0011



400006

Previews

White Background



This preview shows how the Hex color FD5766 looks on a white background.

Color Contrast Check

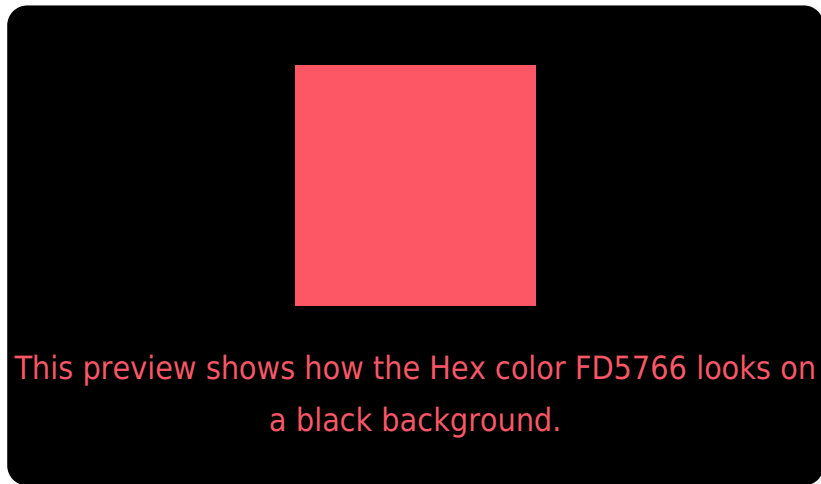
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD5766 Background



This preview shows how black text looks on a background with the Hex color FD5766.



This preview shows how white text looks on a background with the Hex color FD5766.

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



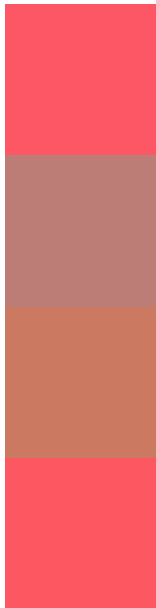
Original Color
FD5766

Protanopia
999280

Deuteranopia
B08C5E



Trichromacy



Original Color
FD5766

Protanomaly
BD7D77

Deuteranomaly
CC7961

Tritanomaly
FD5861

Monochromacy



Original Color
FD5766

Achromatopsia
8A8A8A

Achromatomaly
B4777D

CSS Examples

Text

The CSS property to change the color of the text to Hex FD5766 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 #FD5766 looks like.

```
.text, #text, p{  
    color:#FD5766  
}
```

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 #FD5766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD5766
}
```

Border

The CSS property to change the border of an element to Hex FD5766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

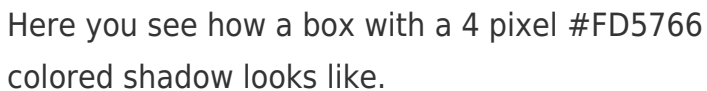
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD5766 }
```

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

```
.border{ border-color:#FD5766 }
```

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



Here you see how a box with a 4 pixel `#FD5766` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD5766; -webkit-box-shadow:4px 4px  
4px 4px #FD5766; box-shadow:4px 4px 4px  
4px #FD5766 }
```

Background

The CSS property to change the background color of an element to Hex FD5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD5766 }
```

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

```
.background{ background-color:#FD5766 }
```

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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