

Converting Colors

Hex(FF6767)

Have a look what the booklet for
Hex(FF6767) contains.

Hex(FF6767)	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(F6767)

Conversions

Conversions Part 1

Format	Color
Hex	FF6767
RGB	255, 103, 103
RGB Percent	100%, 40%, 40%
CMY	0.0000, 0.5961, 0.5961
CMYK	0.00, 0.60, 0.60, 0.00
HSL	0°, 100%, 70%
HSV	0°, 60%, 100%
XYZ	48.5384, 31.9398, 16.4387
YIQ	148.4480, 90.5920, 32.2240

Conversions

Conversions Part 2

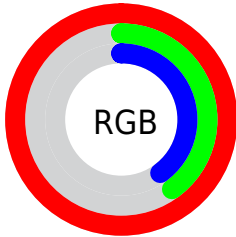
Format	Color
R_{YB}	255, 103, 103
Decimal	16738151
CIE _{Lab}	63.29, 57.87, 30.22
CIE _{LCh}	63, 65.288, 27.569
Yxy	31.9398, 0.5008, 0.3296
Android (android.graphics.Color)	4294928231 (0xFFFF6767)
YUV	148.4480, -22.4059, 93.4461
Hunter-Lab	56.5153, 54.4039, 22.3149

Details

The Hex color **FF6767** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **67FFFF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF9F9A**, and **C02D38** is the 20% darker color. If you saturate the color by 10%, you get **FF4E4E**, and if you desaturate by 10%, it is **FF8181**.

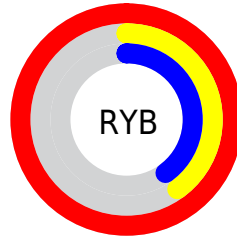
Distribution



Red (100%)

Green (40%)

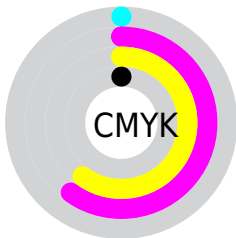
Blue (40%)



Red (100%)

Yellow (40%)

Blue (40%)

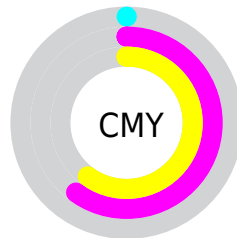


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6767 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 FF6767 by changing the saturation by 10% instead.

 FF6767

 FF6767

FFFFFF

 DF4B4F

 FF9F9A

 C02D38

 FFBCB5

 A10022

 FFD9D1

 83000E

 FFF6ED

 650000

 470001

 2A0001

 000000

 FF6767

 FF6767

 FF4E4E

 FF8181

 FF3434

 FF9A9A

 FF1A1A

 FFB3B3

 FF0101

 FFCDCD

 FF0000

 FFE7E7

FFFFFF

Harmonies

Analogous

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



FD60A0



FF6767



E67E35

Triad

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



FF6767



25B057



00A1FF

Complementary

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



FF6767



67FFFF

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.



00AFFB



FF6767



00B492

Square

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



FF6767



81A625



00B4CD



908CFF

Rectangle

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



FF6767



CA8E19



00B4CD



00A7FF

Sweetspot

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



FF6767



FFD1D1



FF67FF



806363



000000



808080

Same Dimension

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



FF6767



FF4747



FFB367



807373



BF0000



400000

Inverse Universe

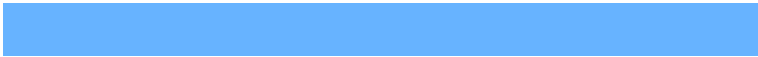
The Inverse Universe completely reimagines the original color for something new.



67FFFF



47FFFF



67B3FF



738080



00BFBF



004040

Previews

White Background



This preview shows how the Hex color FF6767 looks on a white background.

Color Contrast Check

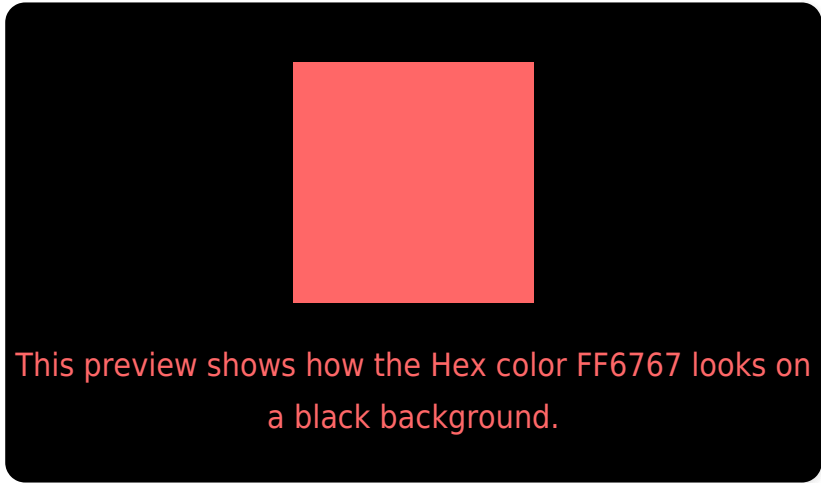
Large Text (above 18pt) WCAG AA × Fail

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 FF6767 Background



This preview shows how black text looks on a background with the Hex color FF6767.



This preview shows how white text looks on a background with the Hex color FF6767.

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
FF666D

Trichromacy



Original Color
FF6767



Protanomaly
C48775



Deuteranomaly
D38363



Tritanomaly
FF666B

Monochromacy



Original Color
FF6767



Achromatopsia
949494



Achromatomaly
BB8484

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6767 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 #FF6767 looks like.

```
.text, #text, p{  
    color:#FF6767  
}
```

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 #FF6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6767
}
```

Border

The CSS property to change the border of an element to Hex FF6767 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
#FF6767 }
```

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

```
.border{ border-color:#FF6767 }
```

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

Here you see how a box with a 4 pixel #FF6767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6767; -webkit-box-shadow:4px 4px  
4px 4px #FF6767; box-shadow:4px 4px 4px  
4px #FF6767 }
```

Background

The CSS property to change the background color of an element to Hex FF6767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6767 }
```

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

```
.background{ background-color:#FF6767 }
```

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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