

Converting Colors

Hex(FF6464)

Have a look what the booklet for
Hex(FF6464) contains.

Hex(FF6464)	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(F66464)

Conversions

Conversions Part 1

Format	Color
Hex	FF6464
RGB	255, 100, 100
RGB Percent	100%, 39%, 39%
CMY	0.0000, 0.6078, 0.6078
CMYK	0.00, 0.61, 0.61, 0.00
HSL	0°, 100%, 70%
HSV	0°, 61%, 100%
XYZ	48.0974, 31.2944, 15.5620
YIQ	146.3450, 92.3800, 32.8600

Conversions

Conversions Part 2

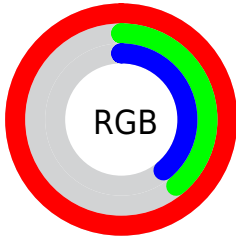
Format	Color
R_{YB}	255, 100, 100
Decimal	16737380
CIE Lab	62.76, 58.98, 31.22
CIE LCh	63, 66.731, 27.892
Yxy	31.2944, 0.5065, 0.3296
Android (android.graphics.Color)	4294927460 (0xFFFF6464)
YUV	146.3450, -22.8481, 95.2904
Hunter-Lab	55.9414, 55.5735, 22.6655

Details

The Hex color **FF6464** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **64FFFF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9C97**, and **C02835** is the 20% darker color. If you saturate the color by 10%, you get **FF4B4B**, and if you desaturate by 10%, it is **FF7D7D**.

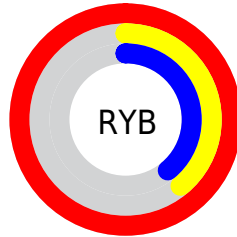
Distribution



Red (100%)

Green (39%)

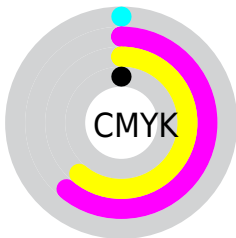
Blue (39%)



Red (100%)

Yellow (39%)

Blue (39%)

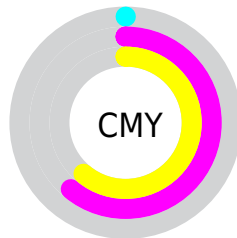


Cyan (0%)

Magenta (61%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6464 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 FF6464 by changing the saturation by 10% instead.

 FF6464

 FF6464

FFFFFF

 DF474C

 FF9C97

 C02835

 FFB9B2

 A10020

 FFD6CD

 82000B

 FFF3E9

 640000

 470002

 290001

 000000

 FF6464

 FF6464

 FF4B4B

 FF7D7D

 FF3131

 FF9797

 FF1818

 FFB1B1

 FF0000

 FFCACA

 FFE3E3

 FFFDFD

FFFFFF

Harmonies

Analogous

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



FE5D9F



FF6464



E57C30

Triad

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



FF6464



17AE55



00A0FF

Complementary

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



FF6464



64FFFF

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.



00ADFC



FF6464



00B392

Square

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



FF6464



7EA51F



00B3CE



8F8AFF

Rectangle

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



FF6464



C98C10



00B3CE



00A6FF

Sweetspot

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



FF6464



FFD1D1



FF64FF



806363



000000



808080

Same Dimension

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



FF6464



FF4545



FFB264



807373



BF0000



400000

Inverse Universe

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



64FFFF



45FFFF



64B2FF



738080



00BFBF



004040

Previews

White Background



This preview shows how the Hex color FF6464 looks on a white background.

Color Contrast Check

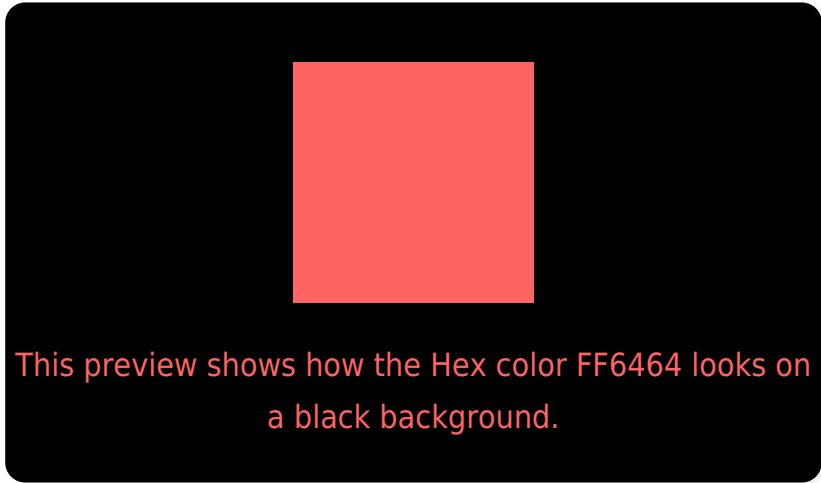
Large Text (above 18pt) WCAG AA × Fail

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 FF6464 Background



This preview shows how black text looks on a background with the Hex color FF6464.



This preview shows how white text looks on a background with the Hex color FF6464.

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
FF636A

Trichromacy



Original Color
FF6464

Protanomaly
C48572

Deuteranomaly
D2815F

Tritanomaly
FF6368

Monochromacy



Original Color
FF6464

Achromatopsia
929292

Achromatomaly
BA8181

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6464 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 #FF6464 looks like.

```
.text, #text, p{  
    color:#FF6464  
}
```

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 #FF6464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6464
}
```

Border

The CSS property to change the border of an element to Hex FF6464 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
#FF6464 }
```

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

```
.border{ border-color:#FF6464 }
```

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

Here you see how a box with a 4 pixel #FF6464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6464; -webkit-box-shadow:4px 4px  
4px 4px #FF6464; box-shadow:4px 4px 4px  
4px #FF6464 }
```

Background

The CSS property to change the background color of an element to Hex FF6464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6464 }
```

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

```
.background{ background-color:#FF6464 }
```

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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