

Converting Colors

Hex(FF4678)

Have a look what the booklet for
Hex(FF4678) contains.

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Color

Hex(F4678)

Conversions

Conversions Part 1

Format	Color
Hex	FF4678
RGB	255, 70, 120
RGB Percent	100%, 27%, 47%
CMY	0.0000, 0.7255, 0.5294
CMYK	0.00, 0.73, 0.53, 0.00
HSL	344°, 100%, 64%
HSV	344°, 73%, 100%
XYZ	46.8203, 26.9964, 20.5124
YIQ	131.0150, 94.2100, 54.7700

Conversions

Conversions Part 2

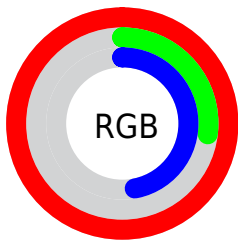
Format	Color
R_{YB}	255, 70, 120
Decimal	16729720
CIE _{Lab}	58.97, 71.73, 14.61
CIE _{LCh}	59, 73.205, 11.511
Yxy	26.9964, 0.4964, 0.2862
Android (android.graphics.Color)	4294919800 (0xFFFF4678)
YUV	131.0150, -5.4304, 108.7348
Hunter-Lab	51.9580, 69.9230, 12.9636

Details

The Hex color **FF4678** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **46FFCD**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF83AC**, and **C00048** is the 20% darker color. If you saturate the color by 10%, you get **FF2D65**, and if you desaturate by 10%, it is **FF608B**.

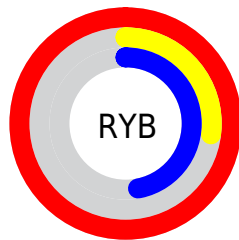
Distribution



Red (100%)

Green (27%)

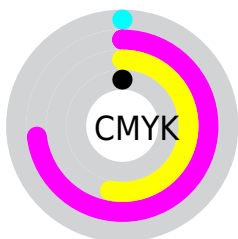
Blue (47%)



Red (100%)

Yellow (27%)

Blue (47%)

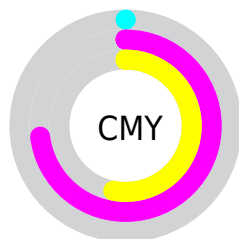


Cyan (0%)

Magenta (73%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4678 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 FF4678 by changing the saturation by 10% instead.

 FF4678

 FF4678

FFFFFF

 DF205F

 FF83AC

 C00048

 FFA1C7

 A10032

 FFBEE3

 82001E

 FFDCCF

 640003

 FFFAFF

 470004

 260001

 000000

 FF4678

 FF4678

 FF2D65

 FF608B

 FF1353

 FF799D

 FF0045

 FF93B0

 FFACC2

 FFC6D5

 FFDFE8

 FFF9FA

FFFFFF

Harmonies

Analogous

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



EC50B8



FF4678



F15E3B

Triad

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



FF4678



49A11E



00A0FF

Complementary

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



FF4678



46FFCD

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.



00A9E2



FF4678



00A862

Square

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



FF4678



949300



00ABA6



008DFF

Rectangle

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



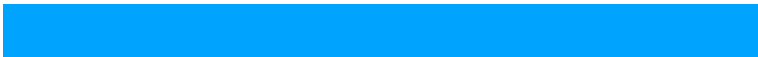
FF4678



DA720C



00ABA6



00A4FF

Sweetspot

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



FF4678



FFC7D6



CB46FF



805E67



000000



808080

Same Dimension

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



FF4678



FF215D



FF6E46



807376



BF0034



400011

Inverse Universe

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



FF4678



FF215D



46D7FF



807376



BF0034



400011

Previews

White Background



This preview shows how the Hex color FF4678 looks on a white background.

Color Contrast Check

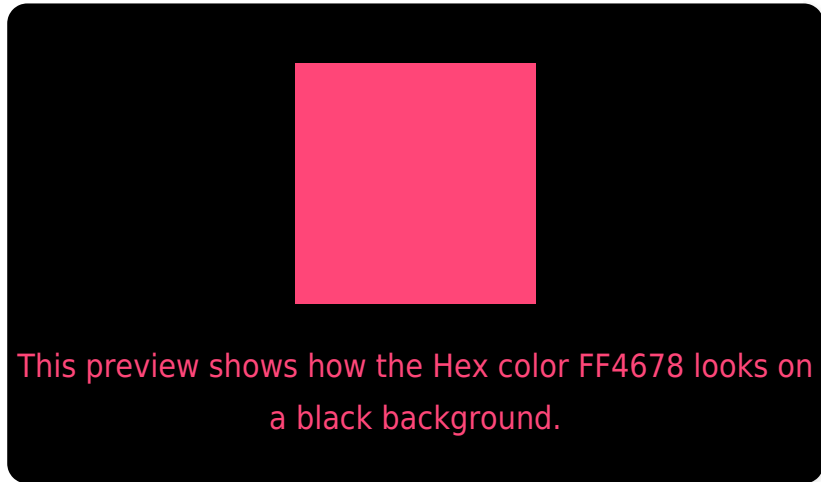
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4678 Background



This preview shows how black text looks on a background with the Hex color FF4678.



This preview shows how white text looks on a background with the Hex color FF4678.

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
FF4678

Protanopia
8C8D9D

Deuteranopia
A6886F



Tritanopia
FD4E52

Trichromacy



Original Color
FF4678



Protanomaly
B67390



Deuteranomaly
C67072

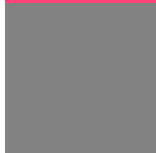


Tritanomaly
FE4B60

Monochromacy



Original Color
FF4678



Achromatopsia
838383



Achromatomaly
B06D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4678 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 #FF4678 looks like.

```
.text, #text, p{  
    color:#FF4678  
}
```

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 #FF4678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4678  
}
```

Border

The CSS property to change the border of an element to Hex FF4678 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  
#FF4678 }
```

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

```
.border{ border-color:#FF4678 }
```

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

Here you see how a box with a 4 pixel #FF4678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4678; -webkit-box-shadow:4px 4px  
4px 4px #FF4678; box-shadow:4px 4px 4px  
4px #FF4678 }
```

Background

The CSS property to change the background color of an element to Hex FF4678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4678 }
```

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

```
.background{ background-color:#FF4678 }
```

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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