

Converting Colors

Hex(F46A6A)

Have a look what the booklet for
Hex(F46A6A) contains.

Hex(F46A6A)	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(F46A6A)

Conversions

Conversions Part 1

Format	Color
Hex	F46A6A
RGB	244, 106, 106
RGB Percent	96%, 42%, 42%
CMY	0.0431, 0.5843, 0.5843
CMYK	0.00, 0.57, 0.57, 0.04
HSL	0°, 86%, 69%
HSV	0°, 57%, 96%
XYZ	45.0638, 30.5818, 17.1634
YIQ	147.2620, 82.2480, 29.2560

Conversions

Conversions Part 2

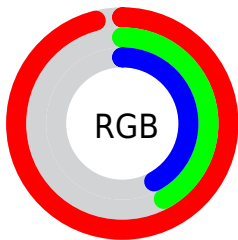
Format	Color
R_{YB}	244, 106, 106
Decimal	16018026
CIE Lab	62.15, 53.02, 26.71
CIE LCh	62, 59.363, 26.738
Yxy	30.5818, 0.4856, 0.3295
Android (android.graphics.Color)	4294208106 (0xFFFF46A6A)
YUV	147.2620, -20.3422, 84.8392
Hunter-Lab	55.3008, 48.6806, 20.3090

Details

The Hex color **F46A6A** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6AF4F4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA19D**, and **B6323B** is the 20% darker color. If you saturate the color by 10%, you get **F45252**, and if you desaturate by 10%, it is **F48282**.

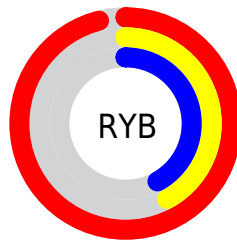
Distribution



Red (96%)

Green (42%)

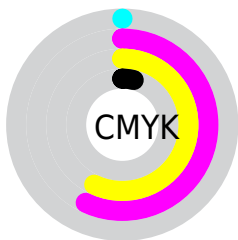
Blue (42%)



Red (96%)

Yellow (42%)

Blue (42%)

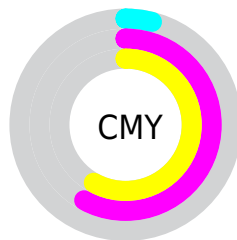


Cyan (0%)

Magenta (57%)

Yellow (57%)

Black (4%)



Cyan (4%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color F46A6A 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 F46A6A by changing the saturation by 10% instead.

 F46A6A

 F46A6A

FFFFFF

 D54F52

 FFA19D

 B6323B

 FFBE8

 980F25

 FFDAD4

 7A0011

 FFF8F0

 5D0000

 410002

 210001

 000000

 F46A6A

 F46A6A

 F45252

 F48282

 F43939

 F49B9B

 F42121

 F4B3B3

 F40808

 F4CCCC

 F40000

 F4E4E4

 F4FCFC

 F4FFFF

Harmonies

Analogous

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



F1659E



F46A6A



DE7D3E

Triad

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



F46A6A



39AB5A



009EFF

Complementary

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



F46A6A



6AF4F4

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.



00AAEE



F46A6A



00AF8F

Square

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



F46A6A



83A12F



00AFC4



8D8BF5

Rectangle

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



F46A6A



C58B28



00AFC4



00A3FD

Sweetspot

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



F46A6A



FFD4D4



F46AF4



806666



000000



808080

Same Dimension

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



F46A6A



FF5252



F4AF6A



7A6E6E



BA0000



3B0000

Inverse Universe

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



6AF4F4



52FFFF



6AAFF4



6E7A7A



00BABA



003B3B

Previews

White Background



This preview shows how the Hex color F46A6A looks on a white background.

Color Contrast Check

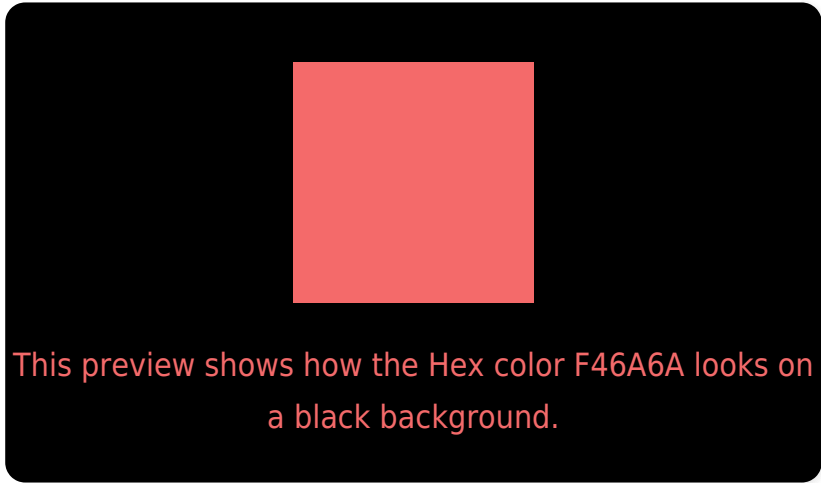
Large Text (above 18pt) WCAG AA × Fail

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 F46A6A Background



This preview shows how black text looks on a background with the Hex color F46A6A.

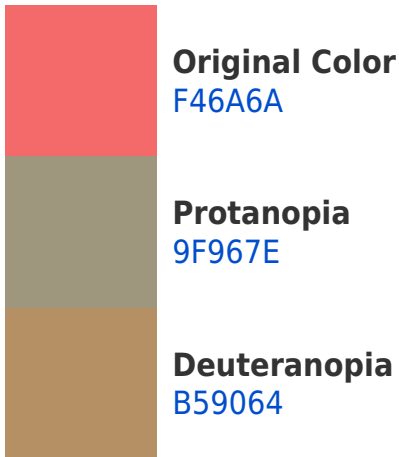


This preview shows how white text looks on a background with the Hex color F46A6A.

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
F46970

Trichromacy



Original Color
F46A6A

Protanomaly
BE8677

Deuteranomaly
CC8266

Tritanomaly
F4696E

Monochromacy



Original Color
F46A6A

Achromatopsia
939393

Achromatomaly
B68484

CSS Examples

Text

The CSS property to change the color of the text to Hex F46A6A 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 #F46A6A looks like.

```
.text, #text, p{  
    color:#F46A6A  
}
```

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 #F46A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F46A6A
}
```

Border

The CSS property to change the border of an element to Hex F46A6A 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
#F46A6A }
```

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

```
.border{ border-color:#F46A6A }
```

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

Here you see how a box with a 4 pixel #F46A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F46A6A; -webkit-box-shadow:4px 4px  
4px 4px #F46A6A; box-shadow:4px 4px 4px  
4px #F46A6A }
```

Background

The CSS property to change the background color of an element to Hex F46A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F46A6A }
```

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

```
.background{ background-color:#F46A6A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor