

# Converting Colors

Hex(F0846A)

Have a look what the booklet for  
Hex(F0846A) contains.

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**Color**

**Hex(F0846A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0846A
RGB	240, 132, 106
RGB Percent	94%, 52%, 42%
CMY	0.0588, 0.4824, 0.5843
CMYK	0.00, 0.45, 0.56, 0.06
HSL	12°, 82%, 68%
HSV	12°, 56%, 94%
XYZ	46.7880, 36.0684, 18.1316
YIQ	161.3280, 72.7140, 14.8100

# Conversions

## Conversions Part 2

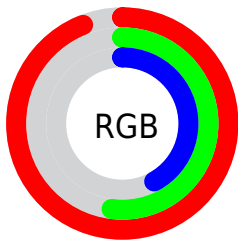
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 138, 106
Decimal	15762538
CIE <sub>Lab</sub>	66.57, 38.88, 32.33
CIE <sub>LCh</sub>	67, 50.566, 39.749
Yxy	36.0684, 0.4633, 0.3572
Android (android.graphics.Color)	4293952618 (0xFFFF0846A)
YUV	161.3280, -27.2767, 68.9953
Hunter-Lab	60.0570, 33.9624, 24.1399

# Details

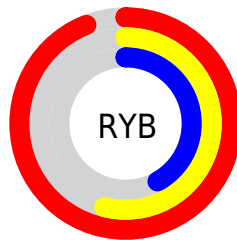
The Hex color **F0846A** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6AD6F0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBB9E**, and **B3503A** is the 20% darker color. If you saturate the color by 10%, you get **F07152**, and if you desaturate by 10%, it is **F09782**.

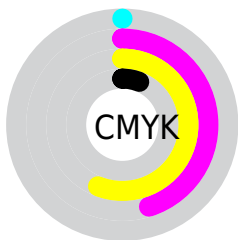
# Distribution



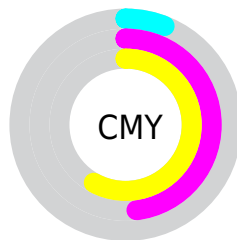
- Red (94%)
- Green (52%)
- Blue (42%)



- Red (94%)
- Yellow (54%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)
- Black (6%)



- Cyan (6%)
- Magenta (48%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0846A 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 F0846A by changing the saturation by 10% instead.



 F0846A

 F0846A

FFFFFF

 D26A52

 FFBB9E

 B3503A

 FFD7B9

 963724

 FFF4D4

 791D0E

 FFFFF1

 5C0000

 400000

 260001

 000000

 F0846A

 F0846A

 F07152

 F09782

 F05D3A

 F0AB9A

 F04A22

 F0BEB2

 F0370A

 F0D1CA

 F02F00

 F0E5E2

 F0F8FA

 F0FFFF

# Harmonies

## Analogous

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



F77B95



F0846A



D6944C

# Triad

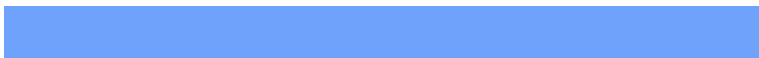
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F0846A



36B781



6EA2FB

# Complementary

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



F0846A



6AD6F0

# 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.



00AFF7



F0846A



00B9B0

# Square

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



F0846A



7DB059



00B7DB



B990E8

# Rectangle

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



F0846A



BD9F43



00B7DB



49A7FD



# Sweetspot

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



F0846A



FFDCD4



F06AD7



806B66



000000



808080



# Same Dimension

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



F0846A



FF7554



F0C66A



786E6C



B82400



380B00



# Inverse Universe

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



6AD6F0



54DEFF



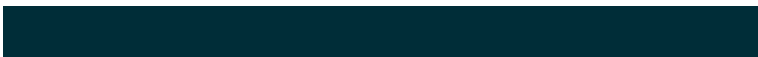
6A94F0



6C7678



0094B8

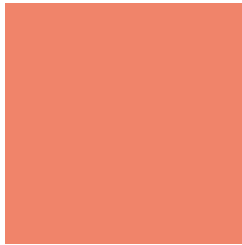


002D38



# Previews

## White Background



This preview shows how the Hex color F0846A looks on a white background.

## Color Contrast Check

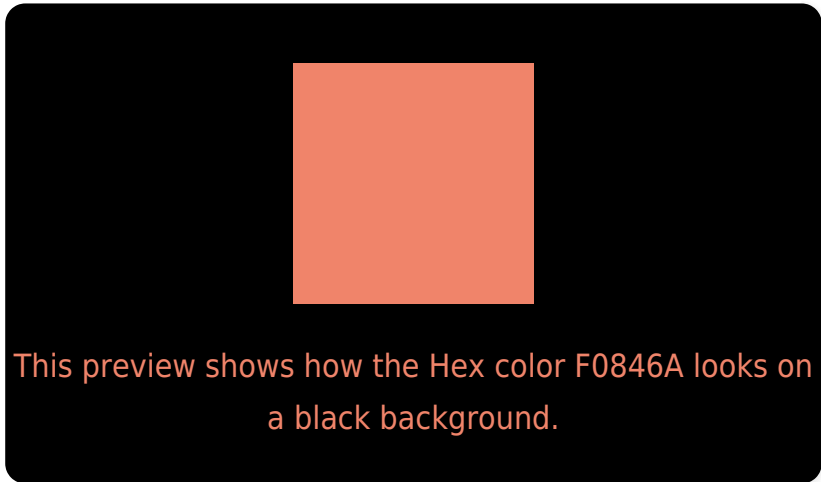
Large Text (above 18pt) WCAG AA × Fail

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

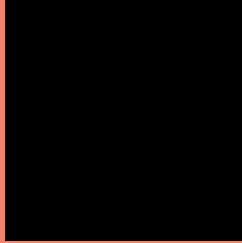
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F0846A Background



This preview shows how black text looks on a background with the Hex color F0846A.



This preview shows how white text looks on a background with the Hex color F0846A.

# 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



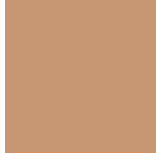


**Tritanopia**  
F28089

# Trichromacy



**Original Color**  
F0846A



**Protanomaly**  
C69772



**Deuteranomaly**  
D49367

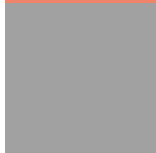


**Tritanomaly**  
F1817E

# Monochromacy



**Original Color**  
F0846A



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
BE968D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0846A 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 #F0846A looks like.

```
.text, #text, p{  
    color:#F0846A  
}
```

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 #F0846A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0846A
}
```

## Border

The CSS property to change the border of an element to Hex F0846A 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
#F0846A }
```

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

```
.border{ border-color:#F0846A }
```

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

Here you see how a box with a 4 pixel #F0846A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0846A; -webkit-box-shadow:4px 4px  
4px 4px #F0846A; box-shadow:4px 4px 4px  
4px #F0846A }
```

# Background

The CSS property to change the background color of an element to Hex F0846A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0846A }
```

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

```
.background{ background-color:#F0846A }
```

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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