

# Converting Colors

Hex(F284A6)

Have a look what the booklet for  
Hex(F284A6) contains.

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**Color**

**Hex(F284A6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F284A6                     |
| RGB           | 242, 132, 166              |
| RGB Percent   | 95%, 52%, 65%              |
| CMY           | 0.0510, 0.4824, 0.3490     |
| CMYK          | 0.00, 0.45, 0.31, 0.05     |
| HSL           | 341°, 81%, 73%             |
| HSV           | 341°, 45%, 95%             |
| XYZ           | 51.7521, 38.1329, 40.7092  |
| YIQ           | 168.7660, 54.6460, 33.8940 |

# Conversions

## Conversions Part 2

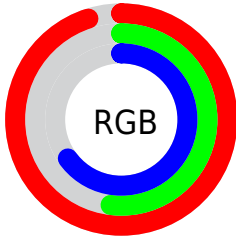
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 242, 132, 166                 |
| Decimal                             | 15893670                      |
| CIE Lab                             | 68.12, 45.71, 0.95            |
| CIE LCh                             | 68, 45.718, 1.192             |
| Yxy                                 | 38.1329, 0.3963,<br>0.2920    |
| Android<br>(android.graphics.Color) | 4294083750<br>(0xFF284A6)     |
| YUV                                 | 168.7660, -1.3636,<br>64.2262 |
| Hunter-Lab                          | 61.7519, 41.5290,<br>4.1401   |

# Details

The Hex color **F284A6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84F2D0**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBBDD**, and **B74F72** is the 20% darker color. If you saturate the color by 10%, you get **F26C95**, and if you desaturate by 10%, it is **F29CB7**.

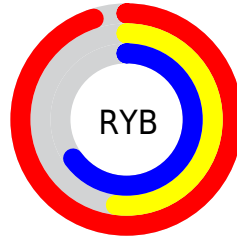
# Distribution



Red (95%)

Green (52%)

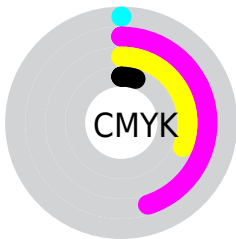
Blue (65%)



Red (95%)

Yellow (52%)

Blue (65%)

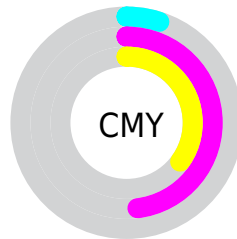


Cyan (0%)

Magenta (45%)

Yellow (31%)

Black (5%)



Cyan (5%)

Magenta (48%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F284A6 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 F284A6 by changing the saturation by 10% instead.



 F284A6

 F284A6

FFFFFF

 D4698C

 FFBBDD

 B74F72

 FFD8F9

 9A355A

 FFF5FF

 7E1843

 63002D

 480018

 300002

 000000

 F284A6

 F284A6

 F26C95

 F29CB7

 F25485

 F2B4C7

 F23B74

 F2CDD8

 F22363

 F2E5E9

 F20B52

 F2FDFA

 F2004B

 F2FFFF

# Harmonies

## Analogous

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



DB8CCF



F284A6



F2887D

# Triad

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



F284A6



93B05D



00B5EE

# Complementary

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



F284A6



84F2D0

# 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.



00BAD0



F284A6



5FB87D

# Square

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



F284A6



BEA451



00BBA6



64AAF8

# Rectangle

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



F284A6



E79167



00BBA6



00B7E5



# Sweetspot

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



F284A6



FFDBE6



CF84F2



806A71



000000



808080



# Same Dimension

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



F284A6



FF739E



F29884



786C70



B80039



380011



# Inverse Universe

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



F284A6



FF739E



84DEF2



786C70



B80039



380011



# Previews

## White Background



This preview shows how the Hex color F284A6 looks on a white background.

## Color Contrast Check

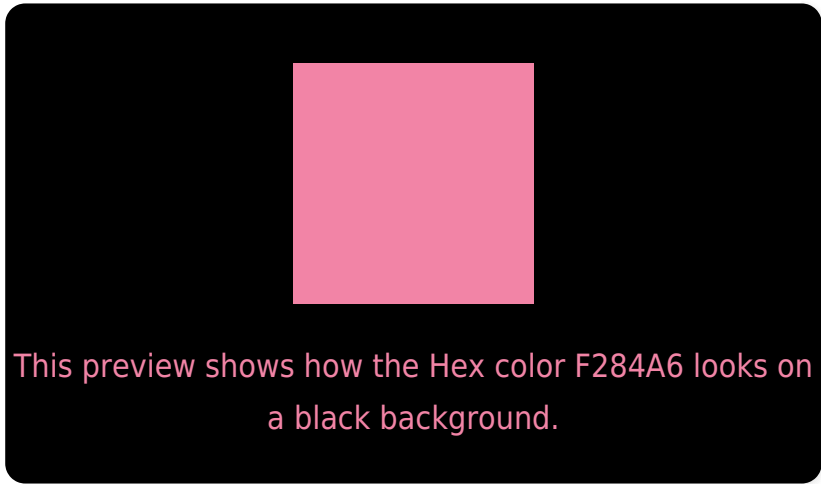
Large Text (above 18pt) WCAG AA × Fail

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 F284A6 Background



This preview shows how black text looks on a background with the Hex color F284A6.

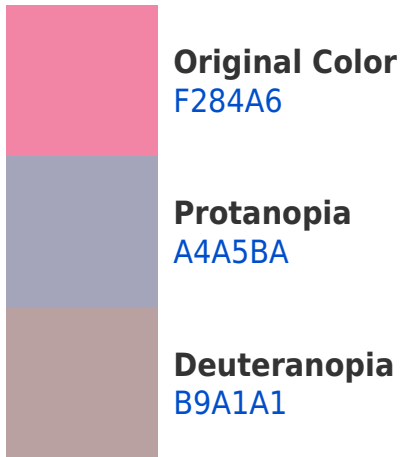


This preview shows how white text looks on a background with the Hex color F284A6.

# 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**  
F08892

# Trichromacy



**Original Color**  
F284A6



**Protanomaly**  
C099B3



**Deuteranomaly**  
CE96A3



**Tritanomaly**  
F18799

# Monochromacy



**Original Color**  
F284A6



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
C49CA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F284A6 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 #F284A6 looks like.

```
.text, #text, p{  
    color:#F284A6  
}
```

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 #F284A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F284A6
}
```

## Border

The CSS property to change the border of an element to Hex F284A6 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
#F284A6 }
```

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

```
.border{ border-color:#F284A6 }
```

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

Here you see how a box with a 4 pixel #F284A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F284A6; -webkit-box-shadow:4px 4px  
4px 4px #F284A6; box-shadow:4px 4px 4px  
4px #F284A6 }
```

# Background

The CSS property to change the background color of an element to Hex F284A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F284A6 }
```

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

```
.background{ background-color:#F284A6 }
```

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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