

# Converting Colors

Hex(F280B6)

Have a look what the booklet for  
Hex(F280B6) contains.

<b>Hex(F280B6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F280B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F280B6
RGB	242, 128, 182
RGB Percent	95%, 50%, 71%
CMY	0.0510, 0.4980, 0.2863
CMYK	0.00, 0.47, 0.25, 0.05
HSL	332°, 81%, 73%
HSV	332°, 47%, 95%
XYZ	52.7806, 37.6930, 48.7496
YIQ	168.2420, 50.6100, 40.9620

# Conversions

## Conversions Part 2

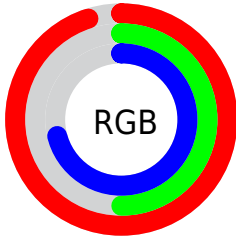
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 128, 182
Decimal	15892662
CIE Lab	67.79, 49.80, -8.53
CIE LCh	68, 50.521, 350.278
Yxy	37.6930, 0.3791, 0.2707
Android (android.graphics.Color)	4294082742 (0xFFFF280B6)
YUV	168.2420, 6.7827, 64.6858
Hunter-Lab	61.3946, 46.0149, -4.1022

# Details

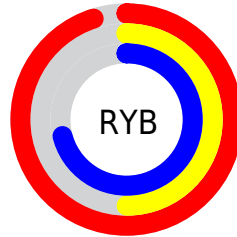
The Hex color **F280B6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80F2BC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB7EE**, and **B74A81** is the 20% darker color. If you saturate the color by 10%, you get **F268A9**, and if you desaturate by 10%, it is **F298C3**.

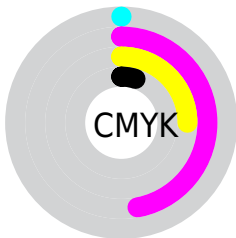
# Distribution



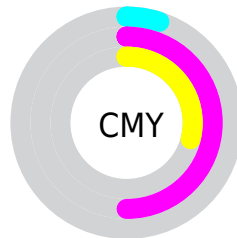
- Red (95%)
- Green (50%)
- Blue (71%)



- Red (95%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (47%)
- Yellow (25%)
- Black (5%)



- Cyan (5%)
- Magenta (50%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F280B6 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 F280B6 by changing the saturation by 10% instead.



 F280B6

 F280B6

FFFFFF

 D4659B

 FFB7EE

 B74A81

 FFD4FF

 9B2F68

 FFF1FF

 7F0E50

 630039

 480024

 31000D

 000000

 F280B6

 F280B6

 F268A9

 F298C3

 F2509D

 F2B0CF

 F23790

 F2C9DC

 F21F83

 F2E1E9

 F20776

 F2F9F6

 F20073

 F2FFFF

# Harmonies

## Analogous

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



CF8DE0



F280B6



FB8088

# Triad

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



F280B6



A1AC4C



00B8EA

# Complementary

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



F280B6



80F2BC

# 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.



00BCC3



F280B6



6CB669

# Square

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



F280B6



CD9E49



00BB94



0CAEFF

# Rectangle

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



F280B6



F3886C



00BB94



00BADF



# Sweetspot

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



F280B6



FFDBEC



BB80F2



806A74



000000



808080



# Same Dimension

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



F280B6



FF6EB3



F28280



786C72



B80057



38001B



# Inverse Universe

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



F280B6



FF6EB2



80F0F2



786C72



B80057

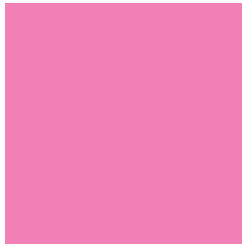


38001B



# Previews

## White Background



This preview shows how the Hex color F280B6 looks on a white background.

## Color Contrast Check

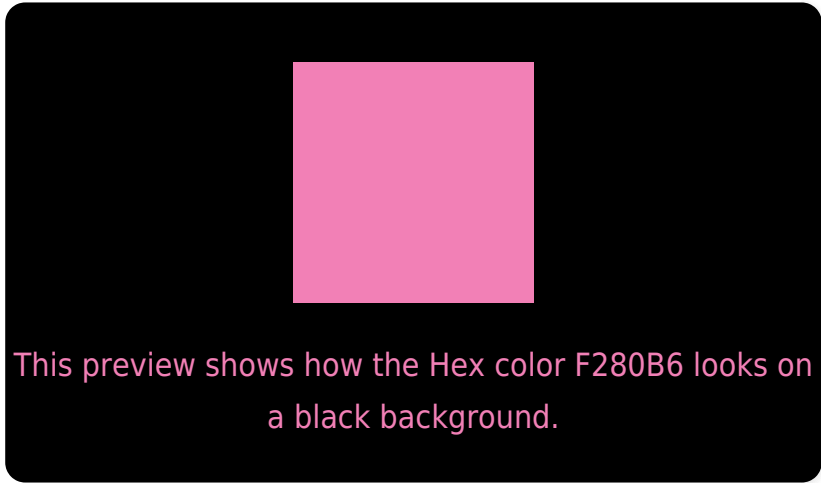
Large Text (above 18pt) WCAG AA × Fail

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 F280B6 Background



This preview shows how black text looks on a background with the Hex color F280B6.



This preview shows how white text looks on a background with the Hex color F280B6.

# 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





# Trichromacy



**Original Color**  
F280B6



**Protanomaly**  
BB97C5



**Deuteranomaly**  
C995B2

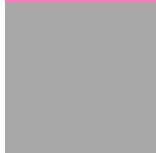


**Tritanomaly**  
EF849E

# Monochromacy



**Original Color**  
F280B6



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
C399AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F280B6 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 #F280B6 looks like.

```
.text, #text, p{  
    color:#F280B6  
}
```

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 #F280B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F280B6
}
```

## Border

The CSS property to change the border of an element to Hex F280B6 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
#F280B6 }
```

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

```
.border{ border-color:#F280B6 }
```

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

Here you see how a box with a 4 pixel #F280B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F280B6; -webkit-box-shadow:4px 4px  
4px 4px #F280B6; box-shadow:4px 4px 4px  
4px #F280B6 }
```

# Background

The CSS property to change the background color of an element to Hex F280B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F280B6 }
```

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

```
.background{ background-color:#F280B6 }
```

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