

# Converting Colors

Hex(F290C1)

Have a look what the booklet for  
Hex(F290C1) contains.

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# **Color**

**Hex(F290C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F290C1
RGB	242, 144, 193
RGB Percent	95%, 56%, 76%
CMY	0.0510, 0.4353, 0.2431
CMYK	0.00, 0.40, 0.20, 0.05
HSL	330°, 79%, 76%
HSV	330°, 40%, 95%
XYZ	56.2168, 42.6740, 55.7260
YIQ	178.8880, 42.6790, 36.0150

# Conversions

## Conversions Part 2

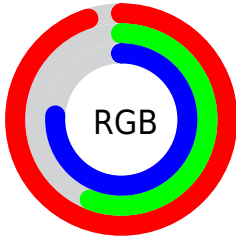
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 144, 193
Decimal	15896769
CIE <sub>Lab</sub>	71.33, 43.27, -9.40
CIE <sub>LCh</sub>	71, 44.281, 347.738
Yxy	42.6740, 0.3636, 0.2760
Android (android.graphics.Color)	4294086849 (0xFFFF290C1)
YUV	178.8880, 6.9572, 55.3492
Hunter-Lab	65.3254, 39.2918, -4.8498

# Details

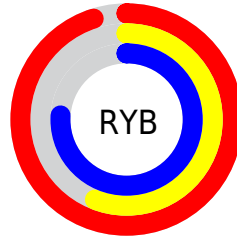
The Hex color **F290C1** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90F2C1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFC7F9**, and **B85B8B** is the 20% darker color. If you saturate the color by 10%, you get **F278B5**, and if you desaturate by 10%, it is **F2A8CD**.

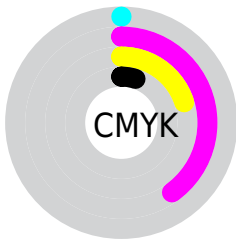
# Distribution



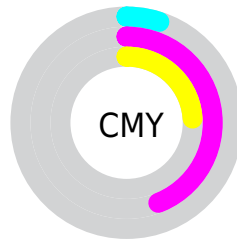
- Red (95%)
- Green (56%)
- Blue (76%)



- Red (95%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F290C1 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 F290C1 by changing the saturation by 10% instead.



 F290C1

 F290C1

FFFFFF

 D575A6

 FFC7F9

 B85B8B

 FFE4FF

 9C4172

 802759

 650742

 4B002C

 340018

 0F0000

 000000

 F290C1

 F290C1

 F278B5

 F2A8CD

 F260A9

 F2C0D9

 F2479D

 F2D9E5

 F22F91

 F2F1F1

 F21784

 F2FFFD

 F20079

 F2FFFF

# Harmonies

## Analogous

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



D19BE5



F290C1



FC8F98

# Triad

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



F290C1



B0B460



00C0E9

# Complementary

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



F290C1



90F2C1

# 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.



00C4C6



F290C1



82BD77

# Square

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



F290C1



D6A75F



48C39C



4AB8FD

# Rectangle

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



F290C1



F7947F



48C39C



00C2DF



# Sweetspot

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



F290C1



FFE0F0



C190F2



806E77



000000



808080



# Same Dimension

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



F290C1



FF82C1



F29090



786C72



B8005C



38001C



# Inverse Universe

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



F290C1



FF82C1



90F2F2



786C72



B8005C



38001C



# Previews

## White Background



This preview shows how the Hex color F290C1 looks on a white background.

## Color Contrast Check

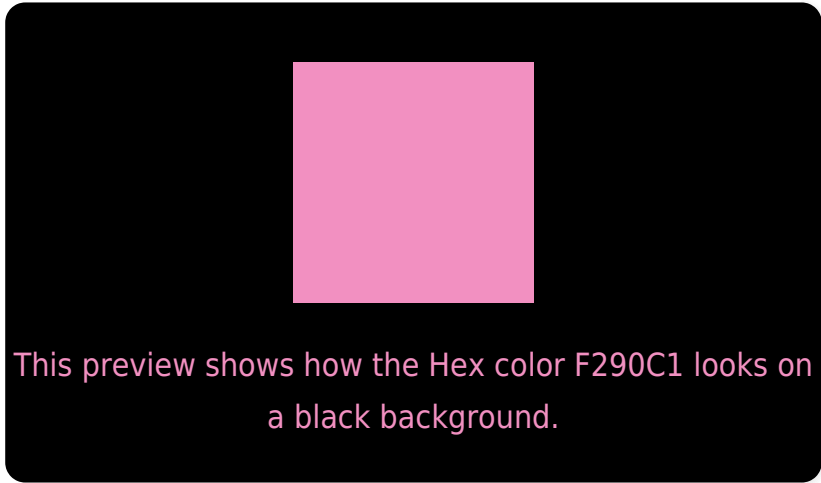
Large Text (above 18pt) WCAG AA × Fail

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 F290C1 Background



This preview shows how black text looks on a background with the Hex color F290C1.




This preview shows how white text looks on a background with the Hex color F290C1.

# 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**  
EF96A1

# Trichromacy



**Original Color**  
F290C1



**Protanomaly**  
C2A2CD



**Deuteranomaly**  
CEA1BE



**Tritanomaly**  
F094AD

# Monochromacy



**Original Color**  
F290C1



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
CAA6B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F290C1 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 #F290C1 looks like.

```
.text, #text, p{  
    color:#F290C1  
}
```

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 #F290C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F290C1
}
```

## Border

The CSS property to change the border of an element to Hex F290C1 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
#F290C1 }
```

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

```
.border{ border-color:#F290C1 }
```

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

Here you see how a box with a 4 pixel #F290C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F290C1; -webkit-box-shadow:4px 4px  
4px 4px #F290C1; box-shadow:4px 4px 4px  
4px #F290C1 }
```

# Background

The CSS property to change the background color of an element to Hex F290C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F290C1 }
```

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

```
.background{ background-color:#F290C1 }
```

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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