

# Converting Colors

Hex(F090BE)

Have a look what the booklet for  
Hex(F090BE) contains.

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# **Color**

**Hex(F090BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F090BE
RGB	240, 144, 190
RGB Percent	94%, 56%, 75%
CMY	0.0588, 0.4353, 0.2549
CMYK	0.00, 0.40, 0.21, 0.06
HSL	331°, 76%, 75%
HSV	331°, 40%, 94%
XYZ	55.2027, 42.1895, 53.9491
YIQ	177.9480, 42.4500, 34.6580

# Conversions

## Conversions Part 2

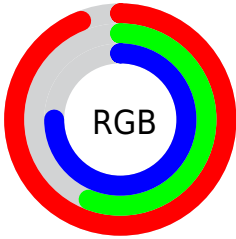
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 144, 190
Decimal	15765694
CIE <sub>Lab</sub>	71.00, 42.16, -8.26
CIE <sub>LCh</sub>	71, 42.963, 348.918
Yxy	42.1895, 0.3648, 0.2788
Android (android.graphics.Color)	4293955774 (0xFFFF090BE)
YUV	177.9480, 5.9416, 54.4196
Hunter-Lab	64.9534, 38.0353, -3.7777

# Details

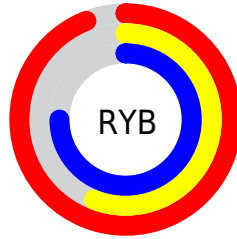
The Hex color **F090BE** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90F0C2**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFC7F6**, and **B65B89** is the 20% darker color. If you saturate the color by 10%, you get **F078B2**, and if you desaturate by 10%, it is **F0A8CB**.

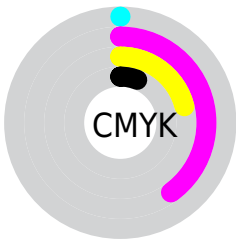
# Distribution



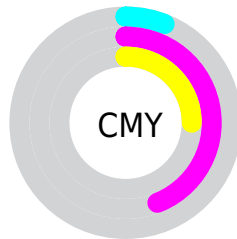
- Red (94%)
- Green (56%)
- Blue (75%)



- Red (94%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (6%)



- Cyan (6%)
- Magenta (44%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F090BE 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 F090BE by changing the saturation by 10% instead.



 F090BE

 F090BE

FFFFFF

 D375A3

 FFC7F6

 B65B89

 FFE4FF

 9A426F

 7F2857

 640940

 4A002A

 330016

 090000

 000000

 F090BE

 F090BE

 F078B2

 F0A8CB

 F060A5

 F0C0D7

 F04899

 F0D8E3

 F0308C

 F0F0F0

 F01880

 F0FFFC

 F00073

 F0FFFF

# Harmonies

## Analogous

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



D09AE2



F090BE



F98F96

# Triad

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



F090BE



AEB362



00BFE8

# Complementary

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



F090BE



90F0C2

# 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.



00C2C6



F090BE



81BC79

# Square

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



F090BE



D3A660



49C19D



52B6FA

# Rectangle

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



F090BE



F4957F



49C19D



00C0DE



# Sweetspot

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



F090BE



FFE0EF



C290F0



806E76



000000



808080



# Same Dimension

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



F090BE



FF85BF



F09290



786C72



B80058



38001B



# Inverse Universe

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



F090BE



FF85BF



90EEF0



786C72



B80058



38001B



# Previews

## White Background



This preview shows how the Hex color F090BE looks on a white background.

## Color Contrast Check

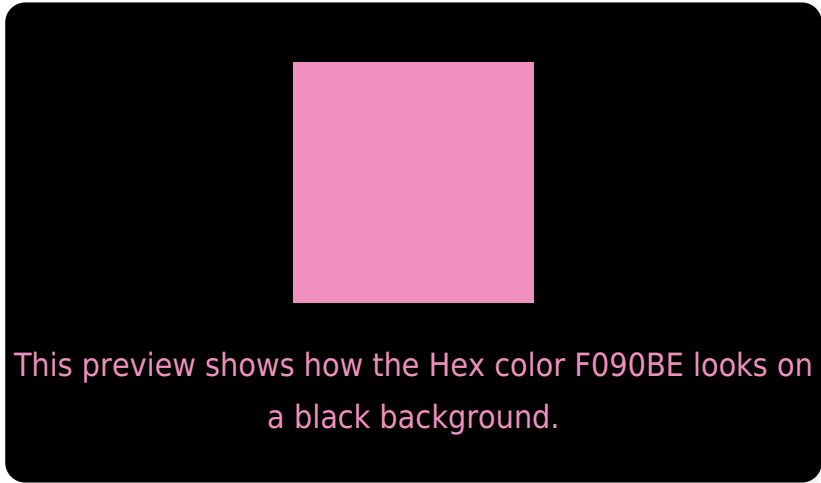
Large Text (above 18pt) WCAG AA × Fail

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 F090BE Background



This preview shows how black text looks on a background with the Hex color F090BE.




This preview shows how white text looks on a background with the Hex color F090BE.

# 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**  
ED95A1

# Trichromacy



**Original Color**  
F090BE



**Protanomaly**  
C2A2CA



**Deuteranomaly**  
CEA0BB



**Tritanomaly**  
EE93AC

# Monochromacy



**Original Color**  
F090BE



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
C9A6B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F090BE 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 #F090BE looks like.

```
.text, #text, p{  
    color:#F090BE  
}
```

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 #F090BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F090BE
}
```

## Border

The CSS property to change the border of an element to Hex F090BE 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
#F090BE }
```

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

```
.border{ border-color:#F090BE }
```

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

Here you see how a box with a 4 pixel #F090BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F090BE; -webkit-box-shadow:4px 4px  
4px 4px #F090BE; box-shadow:4px 4px 4px  
4px #F090BE }
```

# Background

The CSS property to change the background color of an element to Hex F090BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F090BE }
```

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

```
.background{ background-color:#F090BE }
```

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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