

# Converting Colors

Hex(F158C9)

Have a look what the booklet for  
Hex(F158C9) contains.

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# **Color**

**Hex(F158C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F158C9
RGB	241, 88, 201
RGB Percent	95%, 35%, 79%
CMY	0.0549, 0.6549, 0.2118
CMYK	0.00, 0.63, 0.17, 0.05
HSL	316°, 85%, 65%
HSV	316°, 63%, 95%
XYZ	50.3080, 29.8973, 58.3776
YIQ	146.6290, 54.9150, 67.5790

# Conversions

## Conversions Part 2

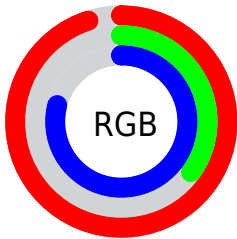
Format	Color
R <sub>YB</sub>	241, 88, 201
Decimal	15816905
CIE <sub>Lab</sub>	61.57, 70.12, -28.74
CIE <sub>LCh</sub>	62, 75.783, 337.710
Yxy	29.8973, 0.3630, 0.2157
Android (android.graphics.Color)	4294006985 (0xFFFF158C9)
YUV	146.6290, 26.8049, 82.7634
Hunter-Lab	54.6784, 68.5454, -25.0263

# Details

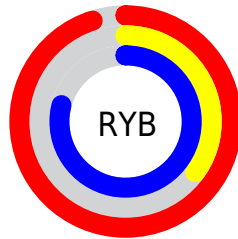
The Hex color **F158C9** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **58F180**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF92FF**, and **B50C93** is the 20% darker color. If you saturate the color by 10%, you get **F140C3**, and if you desaturate by 10%, it is **F170CF**.

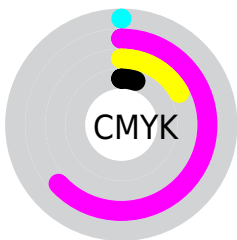
# Distribution



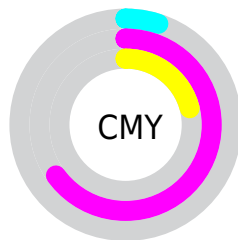
- Red (95%)
- Green (35%)
- Blue (79%)



- Red (95%)
- Yellow (35%)
- Blue (79%)



- Cyan (0%)
- Magenta (63%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (65%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F158C9 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 F158C9 by changing the saturation by 10% instead.



 F158C9

 F158C9

FFFFFF

 D339AD

 FF92FF

 B50C93

 FFAFFF

 980079

 FFCDFD

 7C0060

 FFEAFF


 5F0048

 450031

 29001B

 000000

 F158C9

 F158C9

 F140C3

 F170CF

 F128BC

 F188D6

 F110B6

 F1A0DC

 F100B2

 F1B8E2

 F1D0E9

 F1E9EF

 F1FFF5

 F1FFFB

 F1FFFF

# Harmonies

## Analogous

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



AB7AFF



F158C9



FF4986

# Triad

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



F158C9



A39700



00B1E6

# Complementary

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



F158C9



58F180

# 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.



00B3A5



F158C9



5AA714

# Square

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



F158C9



DA7E00



00B05F



00A9FF

# Rectangle

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



F158C9



FF545B



00B05F



00B2D2



# Sweetspot

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



F158C9



FFCFF2



7E58F1



806278



000000



808080



# Same Dimension

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



F158C9



FF3DCC



F1587E



786C75



B80088



380029



# Inverse Universe

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



F158C9



FF3DCC



58F1CB



786C75



B80088



380029



# Previews

## White Background



This preview shows how the Hex color F158C9 looks on a white background.

## Color Contrast Check

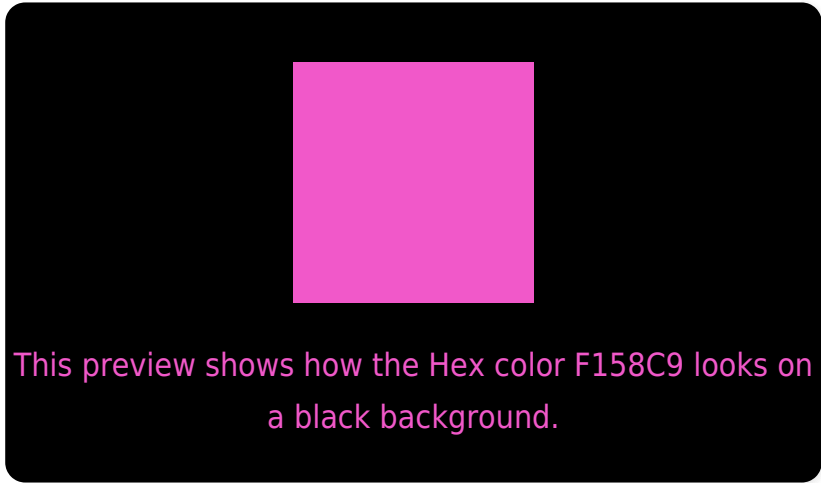
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex F158C9 Background



This preview shows how black text looks on a background with the Hex color F158C9.



This preview shows how white text looks on a background with the Hex color F158C9.

# 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**  
E96E76

# Trichromacy



**Original Color**  
F158C9



**Protanomaly**  
9C7DE6



**Deuteranomaly**  
B17DC3



**Tritanomaly**  
EC6694

# Monochromacy



**Original Color**  
F158C9



**Achromatopsia**  
939393



**Achromatomaly**  
B57EA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F158C9 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 #F158C9 looks like.

```
.text, #text, p{  
    color:#F158C9  
}
```

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 #F158C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F158C9
}
```

## Border

The CSS property to change the border of an element to Hex F158C9 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
#F158C9 }
```

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

```
.border{ border-color:#F158C9 }
```

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

Here you see how a box with a 4 pixel #F158C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F158C9; -webkit-box-shadow:4px 4px  
4px 4px #F158C9; box-shadow:4px 4px 4px  
4px #F158C9 }
```

# Background

The CSS property to change the background color of an element to Hex F158C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F158C9 }
```

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

```
.background{ background-color:#F158C9 }
```

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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