

# Converting Colors

Hex(F193B0)

Have a look what the booklet for  
Hex(F193B0) contains.

|                                                |    |
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# **Color**

**Hex(F193B0)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F193B0                     |
| RGB           | 241, 147, 176              |
| RGB Percent   | 95%, 58%, 69%              |
| CMY           | 0.0549, 0.4235, 0.3098     |
| CMYK          | 0.00, 0.39, 0.27, 0.05     |
| HSL           | 341°, 77%, 76%             |
| HSV           | 341°, 39%, 95%             |
| XYZ           | 54.5458, 42.7028, 46.4419  |
| YIQ           | 178.4120, 46.7150, 28.9470 |

# Conversions

## Conversions Part 2

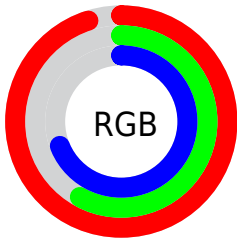
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 241, 147, 176                 |
| Decimal                             | 15831984                      |
| CIE Lab                             | 71.35, 38.99, 0.06            |
| CIE LCh                             | 71, 38.986, 0.086             |
| Yxy                                 | 42.7028, 0.3796,<br>0.2972    |
| Android<br>(android.graphics.Color) | 4294022064<br>(0xFFFF193B0)   |
| YUV                                 | 178.4120, -1.1891,<br>54.8897 |
| Hunter-Lab                          | 65.3474, 34.6370,<br>3.6062   |

# Details

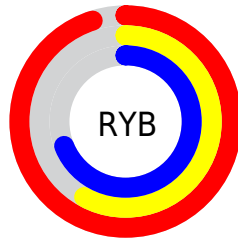
The Hex color **F193B0** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93F1D4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCAE8**, and **B75E7C** is the 20% darker color. If you saturate the color by 10%, you get **F17B9F**, and if you desaturate by 10%, it is **F1ABC1**.

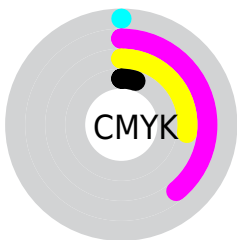
# Distribution



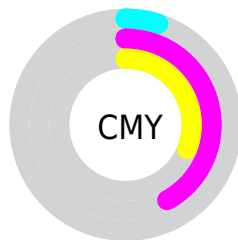
- Red (95%)
- Green (58%)
- Blue (69%)



- Red (95%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (39%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F193B0 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 F193B0 by changing the saturation by 10% instead.



 F193B0

 F193B0

FFFFFF

 D47895

 FFCAE8

 B75E7C

 FFE7FF

 9B4563

 7F2C4B

 641034

 4A001F

 330007

 040000

 000000

 F193B0

 F193B0

 F17B9F

 F1ABC1

 F1638F

 F1C3D1

 F14B7E

 F1DBE2

 F1336D

 F1F3F3

 F11A5D

 F1FFFF

 F1024C

 F1004A

# Harmonies

## Analogous

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



DB99D3



F193B0



F3968D

# Triad

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



F193B0



A1B770



38BCEB

# Complementary

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



F193B0



93F1D4

# 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.



06C1D1



F193B0



76BE8A

# Square

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



F193B0



C6AD67



45C2AE



7BB2F5

# Rectangle

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



F193B0



EA9C7A



45C2AE



20BEE4



# Sweetspot

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



F193B0



FFE0EA



D393F1



806E73



000000



808080



# Same Dimension

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



F193B0



FF87AC



F1A493



786C70



B80039



380011



# Inverse Universe

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



F193B0



FF87AC



93E0F1



786C70



B80039



380011



# Previews

## White Background



This preview shows how the Hex color F193B0 looks on a white background.

## Color Contrast Check

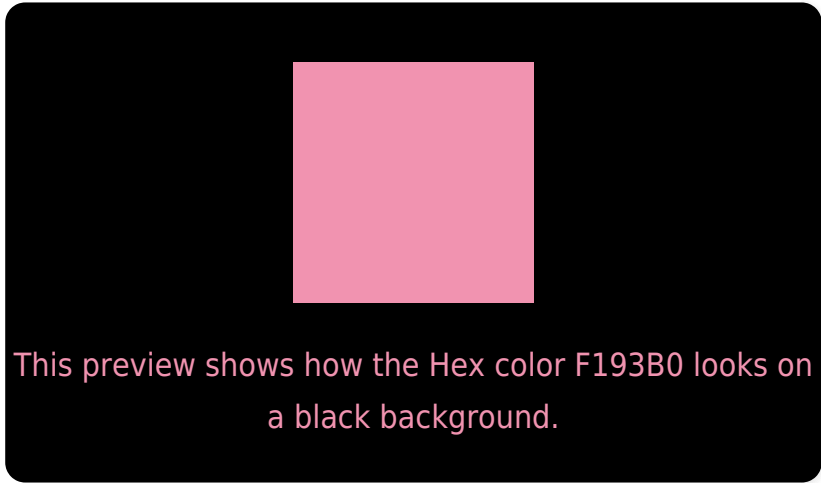
Large Text (above 18pt) WCAG AA × Fail

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 F193B0 Background



This preview shows how black text looks on a background with the Hex color F193B0.

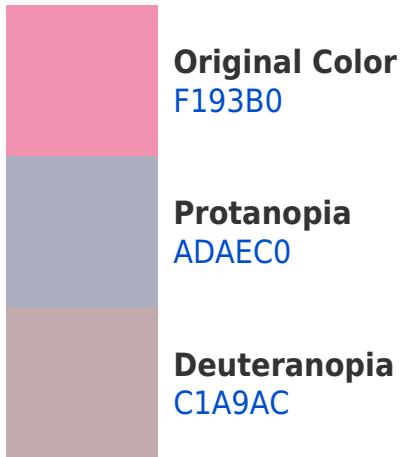



This preview shows how white text looks on a background with the Hex color F193B0.

# 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**  
F193B0



**Protanomaly**  
C6A4BA



**Deuteranomaly**  
D2A1AD



**Tritanomaly**  
F095A6

# Monochromacy



**Original Color**  
F193B0



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
C9A7B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F193B0 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 #F193B0 looks like.

```
.text, #text, p{  
    color:#F193B0  
}
```

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 #F193B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F193B0
}
```

## Border

The CSS property to change the border of an element to Hex F193B0 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
#F193B0 }
```

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

```
.border{ border-color:#F193B0 }
```

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

Here you see how a box with a 4 pixel #F193B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F193B0; -webkit-box-shadow:4px 4px  
4px 4px #F193B0; box-shadow:4px 4px 4px  
4px #F193B0 }
```

# Background

The CSS property to change the background color of an element to Hex F193B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F193B0 }
```

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

```
.background{ background-color:#F193B0 }
```

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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