

# Converting Colors

Hex(F0197E)

Have a look what the booklet for  
Hex(F0197E) contains.

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# Color

**Hex(F0197E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F0197E
RGB	240, 25, 126
RGB Percent	94%, 10%, 49%
CMY	0.0588, 0.9020, 0.5059
CMYK	0.00, 0.90, 0.47, 0.06
HSL	332°, 88%, 52%
HSV	332°, 90%, 94%
XYZ	40.0487, 20.7269, 21.6285
YIQ	100.7990, 95.7190, 76.9910

# Conversions

## Conversions Part 2

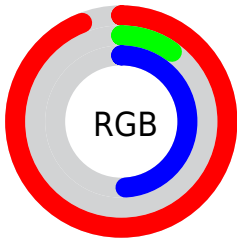
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 25, 126
Decimal	15735166
CIE <sub>Lab</sub>	52.65, 78.94, 1.67
CIE <sub>LCh</sub>	53, 78.962, 1.209
Yxy	20.7269, 0.4860, 0.2515
Android (android.graphics.Color)	4293925246 (0xFFFF0197E)
YUV	100.7990, 12.4241, 122.0793
Hunter-Lab	45.5268, 77.3498, 3.7017

# Details

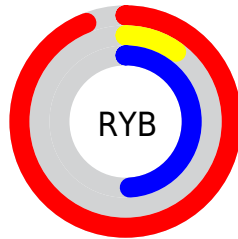
The Hex color **F0197E** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **19F08B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF67B2**, and **B1004D** is the 20% darker color. If you saturate the color by 10%, you get **F00171**, and if you desaturate by 10%, it is **F0318B**.

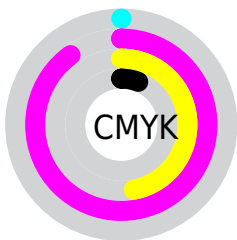
# Distribution



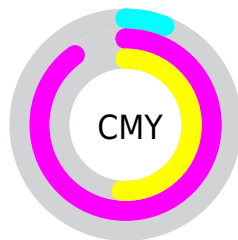
- Red (94%)
- Green (10%)
- Blue (49%)



- Red (94%)
- Yellow (10%)
- Blue (49%)



- Cyan (0%)
- Magenta (90%)
- Yellow (47%)
- Black (6%)



- Cyan (6%)
- Magenta (90%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0197E 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 F0197E by changing the saturation by 10% instead.



 F0197E

 F0197E

FFFFFF

 D10065

 FF67B2

 B1004D

 FF86CE

 920037

 FFA4EA

 740022

 FFC2FF

 56000B

 FFE0FF

 370002

 0B0000

 000000

 F0197E

 F0197E

 F00171

 F0318B

 F00071

 F04997

 F061A4

 F079B1

 F091BE

 F0A9CA

 F0C1D7

 F0D9E4

 F0F1F1

# Harmonies

## Analogous

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



CF40C0



F0197E



EB373C

# Triad

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



F0197E



508D00



0095F5

# Complementary

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



F0197E



19F08B

# 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.



009AC3



F0197E



009636

# Square

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



F0197E



967C00



009A7F



0086FF

# Rectangle

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



F0197E



D85305



009A7F



0097E7



# Sweetspot

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



F0197E



FFBADA



8819F0



80576A



000000



808080



# Same Dimension

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



F0197E



FF0078



F01D19



786C71



B80056



38001A



# Inverse Universe

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



F0197E



FF0078



19ECF0



786C71



B80056



38001A



# Previews

## White Background



This preview shows how the Hex color F0197E looks on a white background.

## Color Contrast Check

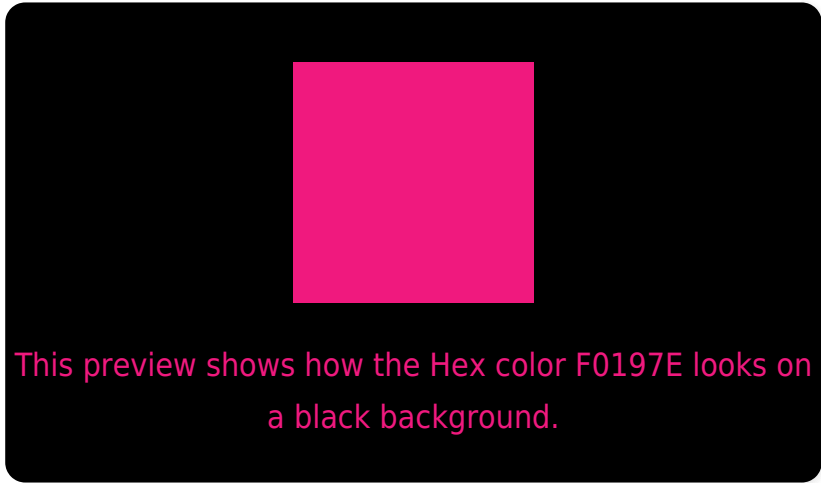
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0197E Background



This preview shows how black text looks on a background with the Hex color F0197E.



This preview shows how white text looks on a background with the Hex color F0197E.

# 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



**Original Color**  
F0197E

**Protanopia**  
6E7DB3

**Deuteranopia**  
8E7A74



# Trichromacy



**Original Color**  
F0197E



**Protanomaly**  
9D59A0



**Deuteranomaly**  
B25778



**Tritanomaly**  
ED2B51

# Monochromacy



**Original Color**  
F0197E



**Achromatopsia**  
656565



**Achromatomaly**  
98496E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0197E 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 #F0197E looks like.

```
.text, #text, p{  
    color:#F0197E  
}
```

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 #F0197E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0197E
}
```

## Border

The CSS property to change the border of an element to Hex F0197E 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
#F0197E }
```

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

```
.border{ border-color:#F0197E }
```

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

Here you see how a box with a 4 pixel #F0197E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0197E; -webkit-box-shadow:4px 4px  
4px 4px #F0197E; box-shadow:4px 4px 4px  
4px #F0197E }
```

# Background

The CSS property to change the background color of an element to Hex F0197E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0197E }
```

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

```
.background{ background-color:#F0197E }
```

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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