

# Converting Colors

Hex(F20078)

Have a look what the booklet for  
Hex(F20078) contains.

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**Color**

**Hex(F20078)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F20078
RGB	242, 0, 120
RGB Percent	95%, 0%, 47%
CMY	0.0510, 1.0000, 0.5294
CMYK	0.00, 1.00, 0.50, 0.05
HSL	330°, 100%, 47%
HSV	330°, 100%, 95%
XYZ	40.0081, 20.2333, 19.5661
YIQ	86.0380, 105.7120, 88.6240

# Conversions

## Conversions Part 2

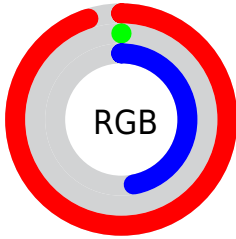
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 0, 120
Decimal	15859832
CIE <sub>Lab</sub>	52.10, 81.19, 4.55
CIE <sub>LCh</sub>	52, 81.313, 3.210
Yxy	20.2333, 0.5013, 0.2535
Android (android.graphics.Color)	4294049912 (0xFFFF20078)
YUV	86.0380, 16.7433, 136.7787
Hunter-Lab	44.9815, 80.0467, 5.6970

# Details

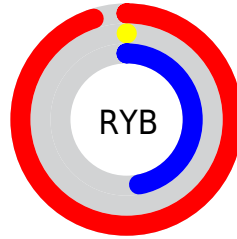
The Hex color **F20078** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **00F27A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF61AC**, and **B30048** is the 20% darker color. If you saturate the color by 10%, you get **F20078**, and if you desaturate by 10%, it is **F21884**.

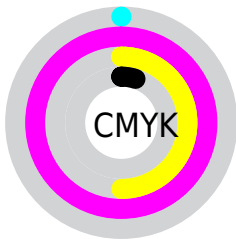
# Distribution



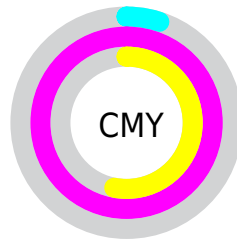
- Red (95%)
- Green (0%)
- Blue (47%)



- Red (95%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F20078 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 F20078 by changing the saturation by 10% instead.



 F20078

 F20078

FFFFFF

 D2005F

 FF61AC

 B30048

 FF80C7

 940032

 FF9FE3

 75001E

 FFBDFF

 570004

 FFDBFF

 370002

 FFFAFF

 0A0000

 000000

 F20078

 F21884

 F23090

 F2499D

 F261A9

 F279B5

 F291C1

 F2A9CD

 F2C2DA

 F2DAE6

# Harmonies

## Analogous

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



D337BC



F20078



EB3334

# Triad

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



F20078



468D00



0093FA

# Complementary

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



F20078



00F27A

# 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.



0099C8



F20078



009638

# Square

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



F20078



907C00



009982



0083FF

# Rectangle

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



F20078



D55200



009982



0096EC



# Sweetspot

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



F20078



FFB3D8



7900F2



805268



000000



808080



# Same Dimension

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



F20078



FF007E



F20000



786C72



B8005B



38001C



# Inverse Universe

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



F20078



FF007E



00F2F2



786C72



B8005B



38001C



# Previews

## White Background



This preview shows how the Hex color F20078 looks on a white background.

## Color Contrast Check

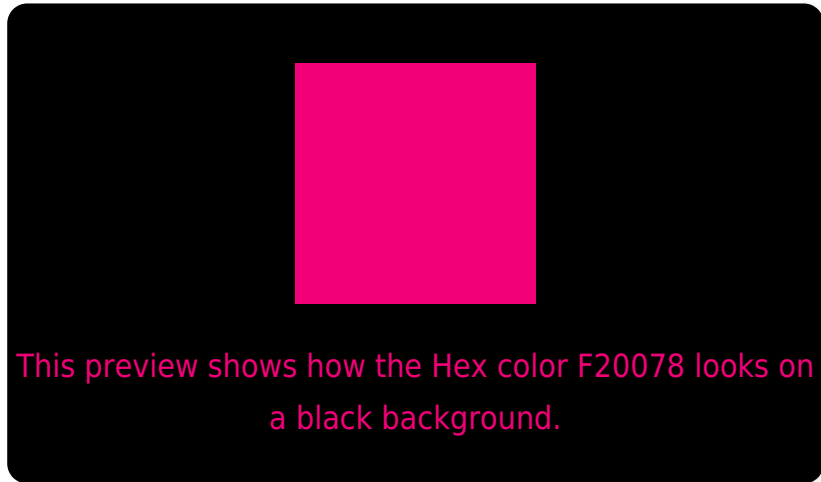
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20078 Background



This preview shows how black text looks on a background with the Hex color F20078.

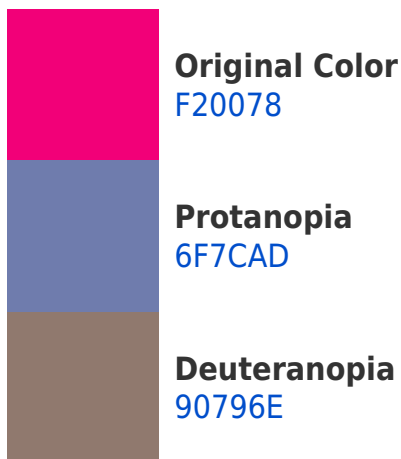


This preview shows how white text looks on a background with the Hex color F20078.

# 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





# Trichromacy



**Original Color**  
F20078



**Protanomaly**  
9F4F9A



**Deuteranomaly**  
B44D72

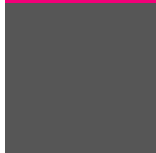


**Tritanomaly**  
F01F4A

# Monochromacy



**Original Color**  
F20078



**Achromatopsia**  
565656



**Achromatomaly**  
8F3762

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F20078 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 #F20078 looks like.

```
.text, #text, p{  
    color:#F20078  
}
```

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 #F20078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20078
}
```

## Border

The CSS property to change the border of an element to Hex F20078 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
#F20078 }
```

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

```
.border{ border-color:#F20078 }
```

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

Here you see how a box with a 4 pixel #F20078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20078; -webkit-box-shadow:4px 4px  
4px 4px #F20078; box-shadow:4px 4px 4px  
4px #F20078 }
```

# Background

The CSS property to change the background color of an element to Hex F20078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20078 }
```

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

```
.background{ background-color:#F20078 }
```

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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