

# Converting Colors

Hex(F20079)

Have a look what the booklet for  
Hex(F20079) contains.

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**Color**

**Hex(F20079)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F20079
RGB	242, 0, 121
RGB Percent	95%, 0%, 47%
CMY	0.0510, 1.0000, 0.5255
CMYK	0.00, 1.00, 0.50, 0.05
HSL	330°, 100%, 47%
HSV	330°, 100%, 95%
XYZ	40.0691, 20.2577, 19.8874
YIQ	86.1520, 105.3910, 88.9350

# Conversions

## Conversions Part 2

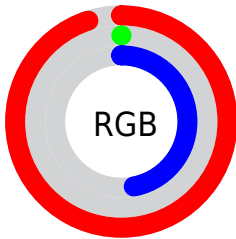
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 0, 121
Decimal	15859833
CIE <sub>Lab</sub>	52.13, 81.26, 3.99
CIE <sub>LCh</sub>	52, 81.355, 2.808
Yxy	20.2577, 0.4995, 0.2525
Android (android.graphics.Color)	4294049913 (0xFF20079)
YUV	86.1520, 17.1801, 136.6787
Hunter-Lab	45.0086, 80.1456, 5.3082

# Details

The Hex color **F20079** 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 **00F279**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF61AD**, and **B30049** is the 20% darker color. If you saturate the color by 10%, you get **F20079**, and if you desaturate by 10%, it is **F21885**.

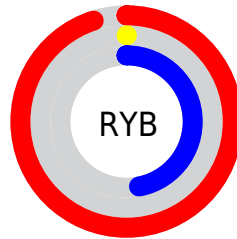
# Distribution



Red (95%)

Green (0%)

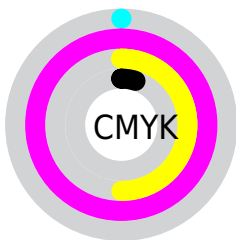
Blue (47%)



Red (95%)

Yellow (0%)

Blue (47%)

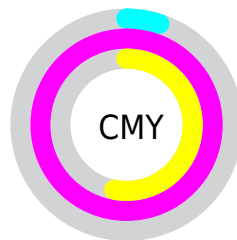


Cyan (0%)

Magenta (100%)

Yellow (50%)

Black (5%)



Cyan (5%)

Magenta (100%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F20079 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 F20079 by changing the saturation by 10% instead.



 F20079

 F20079

FFFFFF

 D20060

 FF61AD

 B30049

 FF80C8

 940033

 FF9FE4

 75001E

 FFBDFF

 570004

 FFD0FF

 370002

 FFFAFF

 0B0000

 000000

 F20079

 F21885

 F23091

 F2499D

 F261A9

 F279B5

 F291C2

 F2A9CE

 F2C2DA

 F2DAE6

# Harmonies

## Analogous

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



D238BD



F20079



EB3335

# Triad

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



F20079



478D00



0094F9

# Complementary

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



F20079



00F279

# 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.



0099C7



F20079



009637

# Square

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



F20079



917C00



009981



0084FF

# Rectangle

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



F20079



D65200



009981



0096EC



# Sweetspot

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



F20079



FFB3D9



7900F2



805269



000000



808080



# Same Dimension

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



F20079



FF0080



F20000



786C72



B8005C



38001C



# Inverse Universe

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



F20079



FF0080



00F2F2



786C72



B8005C



38001C



# Previews

## White Background



This preview shows how the Hex color F20079 looks on a white background.

## Color Contrast Check

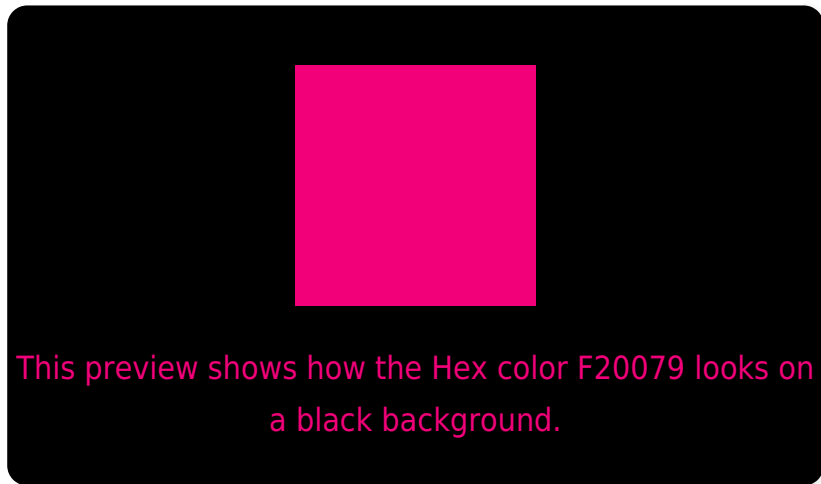
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20079 Background



This preview shows how black text looks on a background with the Hex color F20079.

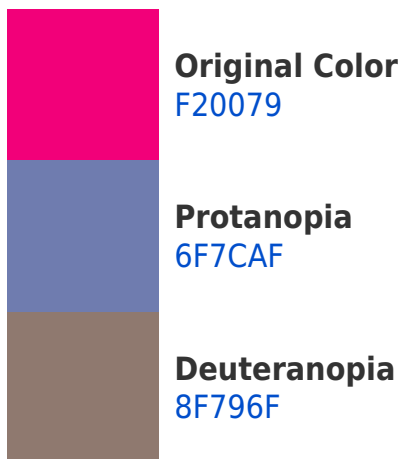


This preview shows how white text looks on a background with the Hex color F20079.

# 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**  
F20079



**Protanomaly**  
9F4F9B



**Deuteranomaly**  
B34D73



**Tritanomaly**  
F01F4B

# Monochromacy



**Original Color**  
F20079



**Achromatopsia**  
565656



**Achromatomaly**  
8F3763

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F20079 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 #F20079 looks like.

```
.text, #text, p{  
    color:#F20079  
}
```

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 #F20079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20079
}
```

## Border

The CSS property to change the border of an element to Hex F20079 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
#F20079 }
```

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

```
.border{ border-color:#F20079 }
```

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

Here you see how a box with a 4 pixel #F20079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20079; -webkit-box-shadow:4px 4px  
4px 4px #F20079; box-shadow:4px 4px 4px  
4px #F20079 }
```

# Background

The CSS property to change the background color of an element to Hex F20079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20079 }
```

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

```
.background{ background-color:#F20079 }
```

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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