

# Converting Colors

Decimal(16079014)

Have a look what the booklet for  
Decimal(16079014) contains.

<b>Decimal(16079014)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16079014)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F558A6
RGB	245, 88, 166
RGB Percent	96%, 35%, 65%
CMY	0.0392, 0.6549, 0.3490
CMYK	0.00, 0.64, 0.32, 0.04
HSL	330°, 89%, 65%
HSV	330°, 64%, 96%
XYZ	48.0288, 29.1451, 39.1706
YIQ	143.8350, 68.5340, 57.5420

# Conversions

## Conversions Part 2

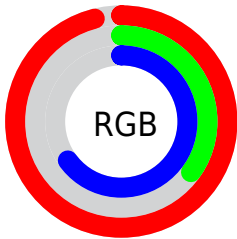
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 88, 166
Decimal	16079014
CIE Lab	60.91, 66.75, -9.64
CIE LCh	61, 67.438, 351.782
Yxy	29.1451, 0.4128, 0.2505
Android (android.graphics.Color)	4294269094 (0xFFFF558A6)
YUV	143.8350, 10.9273, 88.7217
Hunter-Lab	53.9862, 64.3268, -5.2285

# Details

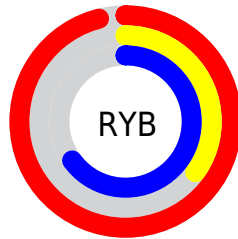
The Decimal color **16079014** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5830055**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16749277**, and **12128114** is the 20% darker color. If you saturate the color by 10%, you get **16072858**, and if you desaturate by 10%, it is **16085426**.

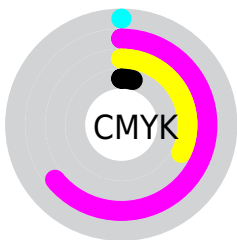
# Distribution



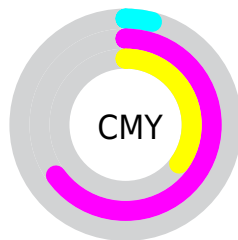
- Red (96%)
- Green (35%)
- Blue (65%)



- Red (96%)
- Yellow (35%)
- Blue (65%)



- Cyan (0%)
- Magenta (64%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (65%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16079014 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 Decimal color 16079014 by changing the saturation by 10% instead.



 16079014

 16079014


16777215

 14104972

 16749277

 12128114

 16756730

 10158170

 16764159

 8257602

 16771839

 6357036

 4587544

 2686977

 0

 16079014

 16079014

■ 16072858

■ 16085426

■ 16066445

■ 16091583

■ 16060289

■ 16097995

■ 16056442

■ 16104151

■ 16110564

■ 16116720

■ 16121852

■ 16121855

# Harmonies

## Analogous

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



13266909



16079014



16538219

# Triad

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



16079014



8822023



43760

# Complementary

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



16079014



5830055

# 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.



44734



16079014



3385412

# Square

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



16079014



12421632



44416



40959

# Rectangle

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



16079014



15821126



44416



44257



# Sweetspot

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



16079014



16764903



10967285



8413809



0



8421504



# Same Dimension

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



16079014



16726940



16078936



8023668



12189788



3866653



# Inverse Universe

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



16079014



16726940



5830133



8023668



12189788



3866653



# Previews

## White Background



This preview shows how the Decimal color 16079014 looks on a white background.

## Color Contrast Check

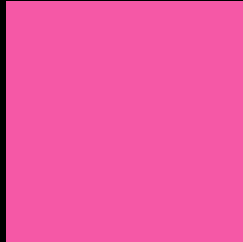
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 16079014 looks on a 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](#).



## Decimal 16079014 Background



This preview shows how black text looks on a background with the Decimal color 16079014.



This preview shows how white text looks on a background with the Decimal color 16079014.

# 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**  
15754860

# Trichromacy



**Original Color**

16079014



**Protanomaly**

11238591



**Deuteranomaly**

12417953



**Tritanomaly**

15884673

# Monochromacy



**Original Color**

16079014



**Achromatopsia**

9474192



**Achromatomaly**

11893912

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16079014 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 #F558A6 looks like.

```
.text, #text, p{  
    color:#F558A6  
}
```

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 #F558A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F558A6
}
```

## Border

The CSS property to change the border of an element to Decimal 16079014 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
#F558A6 }
```

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

```
.border{ border-color:#F558A6 }
```

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

Here you see how a box with a 4 pixel #F558A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F558A6; -webkit-box-shadow:4px 4px  
4px 4px #F558A6; box-shadow:4px 4px 4px  
4px #F558A6 }
```

# Background

The CSS property to change the background color of an element to Decimal 16079014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F558A6 }
```

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

```
.background{ background-color:#F558A6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor