

# Converting Colors

Decimal(16015008)

Have a look what the booklet for  
Decimal(16015008) contains.

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# **Color**

**Decimal(16015008)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F45EA0
RGB	244, 94, 160
RGB Percent	96%, 37%, 63%
CMY	0.0431, 0.6314, 0.3725
CMYK	0.00, 0.61, 0.34, 0.04
HSL	334°, 87%, 66%
HSV	334°, 61%, 96%
XYZ	47.6561, 29.7766, 36.4934
YIQ	146.3740, 68.2140, 52.3260

# Conversions

## Conversions Part 2

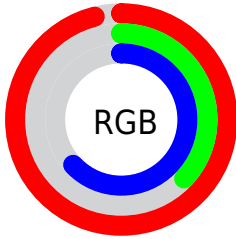
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 94, 160
Decimal	16015008
CIE <sub>Lab</sub>	61.46, 63.34, -5.37
CIE <sub>LCh</sub>	61, 63.563, 355.152
Yxy	29.7766, 0.4183, 0.2614
Android (android.graphics.Color)	4294205088 (0xFFFF45EA0)
YUV	146.3740, 6.7176, 85.6180
Hunter-Lab	54.5679, 60.3965, -1.4539

# Details

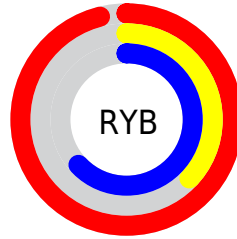
The Decimal color **16015008** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **6223026**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **16750551**, and **12066413** is the 20% darker color. If you saturate the color by 10%, you get **16008850**, and if you desaturate by 10%, it is **16021166**.

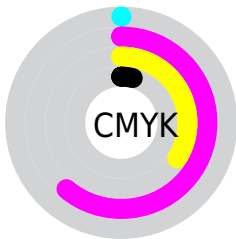
# Distribution



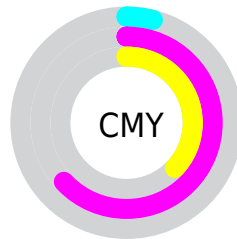
- Red (96%)
- Green (37%)
- Blue (63%)



- Red (96%)
- Yellow (37%)
- Blue (63%)



- Cyan (0%)
- Magenta (61%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (63%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16015008 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 16015008 by changing the saturation by 10% instead.



 16015008

 16015008

16777215

 14041222

 16750551

 12066413

 16758003

 10092628

 16765439

 8192061

 16772863

 6291496

 4522003

 2621441

 0

 16015008

 16015008

■ 16008850

■ 16021166

■ 16002437

■ 16027579

■ 15996279

■ 16033737

■ 15990891

■ 16040151

■ 16046308

■ 16052466

■ 16056319

# Harmonies

## Analogous

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



13594837



16015008



16278376

# Triad

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



16015008



8560416



43760

# Complementary

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



16015008



6223026

# 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.



44995



16015008



3254608

# Square

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



16015008



12095249



44681



40703

# Rectangle

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



16015008



15429702



44681



44259



# Sweetspot

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



16015008



16765413



11558644



8414064



0



8421504



# Same Dimension

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



16015008



16728725



16016990



8023668



12189778



3866650



# Inverse Universe

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



16015008



16728725



6221300



8023668



12189778



3866650



# Previews

## White Background



This preview shows how the Decimal color 16015008 looks on a white background.

## Color Contrast Check

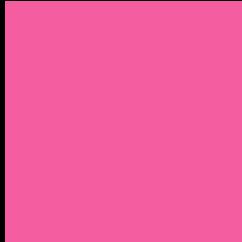
Large Text (above 18pt) WCAG AA ✓ Pass

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 16015008 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 16015008 Background



This preview shows how black text looks on a background with the Decimal color 16015008.



This preview shows how white text looks on a background with the Decimal color 16015008.

# 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**  
16015008



**Protanomaly**  
11501750



**Deuteranomaly**  
12549787



**Tritanomaly**  
15820161

# Monochromacy



**Original Color**  
16015008



**Achromatopsia**  
9605778



**Achromatomaly**  
11960215

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16015008 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 #F45EA0 looks like.

```
.text, #text, p{  
    color:#F45EA0  
}
```

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 #F45EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F45EA0
}
```

## Border

The CSS property to change the border of an element to Decimal 16015008 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
#F45EA0 }
```

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

```
.border{ border-color:#F45EA0 }
```

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

Here you see how a box with a 4 pixel #F45EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F45EA0; -webkit-box-shadow:4px 4px  
4px 4px #F45EA0; box-shadow:4px 4px 4px  
4px #F45EA0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16015008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F45EA0 }
```

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

```
.background{ background-color:#F45EA0 }
```

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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