

# Converting Colors

Decimal(16199412)

Have a look what the booklet for  
Decimal(16199412) contains.

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# **Color**

**Decimal(16199412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F72EF4
RGB	247, 46, 244
RGB Percent	97%, 18%, 96%
CMY	0.0314, 0.8196, 0.0431
CMYK	0.00, 0.81, 0.01, 0.03
HSL	301°, 93%, 57%
HSV	301°, 81%, 97%
XYZ	55.6639, 28.2598, 88.1088
YIQ	128.6710, 56.2380, 104.1900

# Conversions

## Conversions Part 2

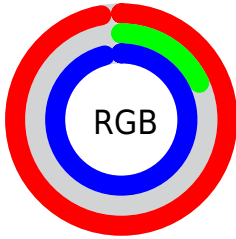
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	247, 46, 244
Decimal	16199412
CIE Lab	60.12, 90.21, -55.13
CIE LCh	60, 105.721, 328.571
Yxy	28.2598, 0.3236, 0.1643
Android (android.graphics.Color)	4294389492 (0xFFFF72EF4)
YUV	128.6710, 56.8572, 103.7745
Hunter-Lab	53.1599, 93.8778, -61.0570

# Details

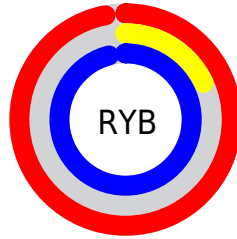
The Decimal color **16199412** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3077937**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16742143**, and **12189883** is the 20% darker color. If you saturate the color by 10%, you get **16193012**, and if you desaturate by 10%, it is **16205812**.

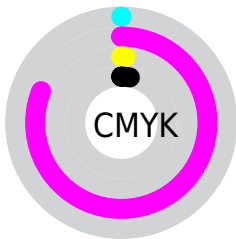
# Distribution



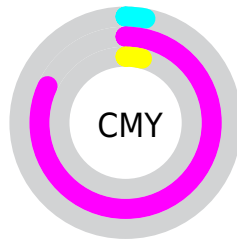
- Red (97%)
- Green (18%)
- Blue (96%)



- Red (97%)
- Yellow (18%)
- Blue (96%)



- Cyan (0%)
- Magenta (81%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (82%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16199412 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 16199412 by changing the saturation by 10% instead.



 16199412

 16199412

16777215

 14155991

 16742143

 12189883

 16750079

 10223775

 16758015

 8257669

 16765951

 6357099

 16773631

 4587602

 2555961

 35

 9

 16199412

 16199412

 16193012

 16205812

 16187635

 16211957

 16218357

 16224757

 16231158

 16237302

 16243703

 16250103

 16252919

# Harmonies

## Analogous

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



6912767



16199412



16711834

# Triad

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



16199412



11832320



46825

# Complementary

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



16199412



3077937

# 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.



46474



16199412



5547008

# Square

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



16199412



16343040



45084



45567

# Rectangle

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



16199412



16711773



45084



46794



# Sweetspot

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



16199412



16761598



3026679



8412031



0



8421504



# Same Dimension

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



16199412



16713211



16199315



8023674



12189879



3866682



# Inverse Universe

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



16199412



16713211



3078035



8023674



12189879



3866682



# Previews

## White Background



This preview shows how the Decimal color 16199412 looks on a white background.

## Color Contrast Check

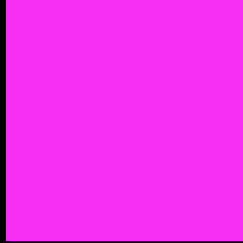
Large Text (above 18pt) WCAG AA ✓ Pass

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 16199412 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 16199412 Background



This preview shows how black text looks on a background with the Decimal color 16199412.




This preview shows how white text looks on a background with the Decimal color 16199412.

# 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**  
15230830

# Trichromacy



**Original Color**  
16199412



**Protanomaly**  
9726971



**Deuteranomaly**  
9989611



**Tritanomaly**  
15553183

# Monochromacy



**Original Color**  
16199412



**Achromatopsia**  
8487297



**Achromatomaly**  
11297707

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16199412 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 #F72EF4 looks like.

```
.text, #text, p{  
  color:#F72EF4  
}
```

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 #F72EF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F72EF4
}
```

## Border

The CSS property to change the border of an element to Decimal 16199412 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
#F72EF4 }
```

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

```
.border{ border-color:#F72EF4 }
```

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

Here you see how a box with a 4 pixel #F72EF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F72EF4; -webkit-box-shadow:4px 4px  
4px 4px #F72EF4; box-shadow:4px 4px 4px  
4px #F72EF4 }
```

# Background

The CSS property to change the background color of an element to Decimal 16199412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F72EF4 }
```

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

```
.background{ background-color:#F72EF4 }
```

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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