

# Converting Colors

Decimal(15768814)

Have a look what the booklet for  
Decimal(15768814) contains.

<b>Decimal(15768814)</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(15768814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F09CEE
RGB	240, 156, 238
RGB Percent	94%, 61%, 93%
CMY	0.0588, 0.3882, 0.0667
CMYK	0.00, 0.35, 0.01, 0.06
HSL	301°, 74%, 78%
HSV	301°, 35%, 94%
XYZ	63.2563, 48.4752, 86.9116
YIQ	190.4640, 23.7420, 43.3100

# Conversions

## Conversions Part 2

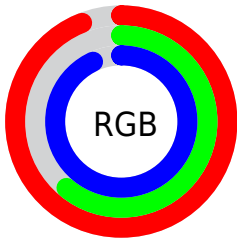
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 156, 238
Decimal	15768814
CIE Lab	75.12, 43.77, -28.42
CIE LCh	75, 52.182, 327.006
Yxy	48.4752, 0.3184, 0.2440
Android (android.graphics.Color)	4293958894 (0xFFFF09CEE)
YUV	190.4640, 23.4352, 43.4431
Hunter-Lab	69.6242, 40.3319, -25.2746

# Details

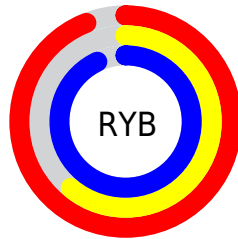
The Decimal color **15768814** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10285214**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16766207**, and **12019638** is the 20% darker color. If you saturate the color by 10%, you get **15762669**, and if you desaturate by 10%, it is **15774959**.

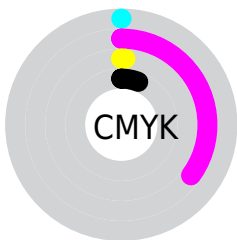
# Distribution



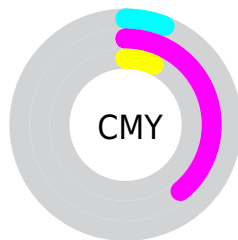
- Red (94%)
- Green (61%)
- Blue (93%)



- Red (94%)
- Yellow (61%)
- Blue (93%)



- Cyan (0%)
- Magenta (35%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (39%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15768814 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 15768814 by changing the saturation by 10% instead.



 15768814

 15768814

16777215

 13861330

 16766207

 12019638

 16773631

 10177947

 8402049

 6625639

 4980815

 3342392

 1769506

 7

 15768814

 15768814

 15762669

 15774959

 15756525

 15781103

 15750380

 15787248

 15744236

 15793392

 15738091

 15794161

 15731947

 15794162

 15728874

 15794163

# Harmonies

## Analogous

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



11906815



15768814



16748992

# Triad

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



15768814



14333270



53731

# Complementary

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



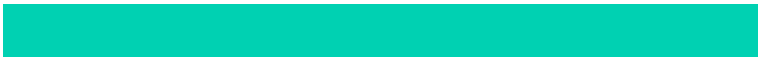
15768814



10285214

# 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.



53682



15768814



11191136

# Square

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



15768814



16753513



7327107



52223

# Rectangle

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



15768814



16749215



7327107



53972



# Sweetspot

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



15768814



16770046



10329328



8417151



0



8421504



# Same Dimension

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



15768814



16749820



15768773



7892088



12058803



3670071



# Inverse Universe

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



15768814



16749820



10285255



7892088



12058803

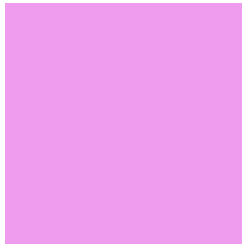


3670071



# Previews

## White Background



This preview shows how the Decimal color 15768814 looks on a white background.

## Color Contrast Check

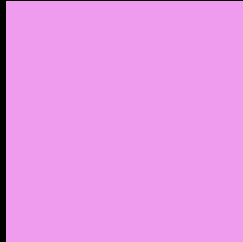
Large Text (above 18pt) WCAG AA × Fail

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 15768814 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

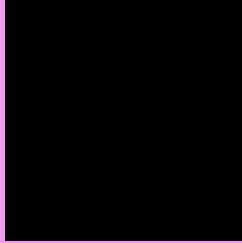
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15768814 Background



This preview shows how black text looks on a background with the Decimal color 15768814.



This preview shows how white text looks on a background with the Decimal color 15768814.

# 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**  
15247540

# Trichromacy



**Original Color**  
15768814



**Protanomaly**  
12627449



**Deuteranomaly**  
13217259

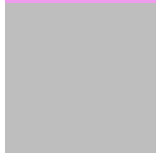


**Tritanomaly**  
15443145

# Monochromacy



**Original Color**  
15768814



**Achromatopsia**  
12500670



**Achromatomaly**  
13677263

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15768814 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 #F09CEE looks like.

```
.text, #text, p{  
    color:#F09CEE  
}
```

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 #F09CEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F09CEE
}
```

## Border

The CSS property to change the border of an element to Decimal 15768814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

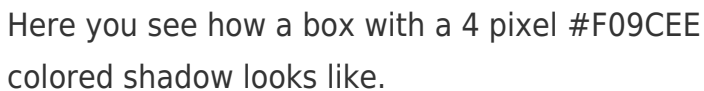
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F09CEE }
```

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

```
.border{ border-color:#F09CEE }
```

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



Here you see how a box with a 4 pixel #F09CEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F09CEE; -webkit-box-shadow:4px 4px  
4px 4px #F09CEE; box-shadow:4px 4px 4px  
4px #F09CEE }
```

# Background

The CSS property to change the background color of an element to Decimal 15768814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F09CEE }
```

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

```
.background{ background-color:#F09CEE }
```

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