

# Converting Colors

Decimal(15769584)

Have a look what the booklet for  
Decimal(15769584) contains.

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# **Color**

**Decimal(15769584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F09FF0
RGB	240, 159, 240
RGB Percent	94%, 62%, 94%
CMY	0.0588, 0.3765, 0.0588
CMYK	0.00, 0.34, 0.00, 0.06
HSL	300°, 73%, 78%
HSV	300°, 34%, 94%
XYZ	64.0615, 49.6128, 88.6379
YIQ	192.4530, 22.2750, 42.3630

# Conversions

## Conversions Part 2

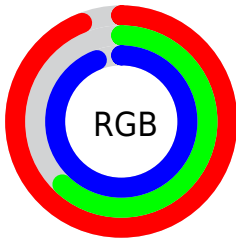
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 159, 240
Decimal	15769584
CIE <sub>Lab</sub>	75.83, 42.56, -28.42
CIE <sub>LCh</sub>	76, 51.176, 326.272
Yxy	49.6128, 0.3166, 0.2452
Android (android.graphics.Color)	4293959664 (0xFFFF09FF0)
YUV	192.4530, 23.4407, 41.6987
Hunter-Lab	70.4364, 39.0812, -25.3057

# Details

The Decimal color **15769584** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10481823**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16766975**, and **12020408** is the 20% darker color. If you saturate the color by 10%, you get **15763440**, and if you desaturate by 10%, it is **15775728**.

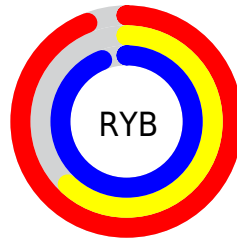
# Distribution



Red (94%)

Green (62%)

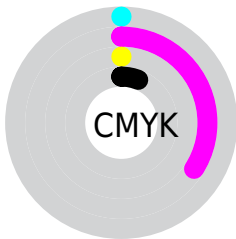
Blue (94%)



Red (94%)

Yellow (62%)

Blue (94%)

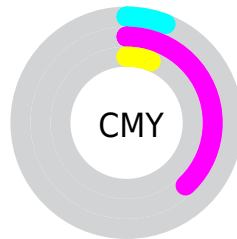


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (38%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15769584 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 15769584 by changing the saturation by 10% instead.



 15769584

 15769584

16777215

 13862100

 16766975

 12020408

 16774399

 10178717

 8402818

 6692201

 4980817

 3342393

 1835043

 10

 15769584

 15769584

 15763440

 15775728

 15757296

 15781872

 15751152

 15788016

 15745008

 15794160

 15738864

 15732720

 15728880

# Harmonies

## Analogous

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



11973119



15769584



16749763

# Triad

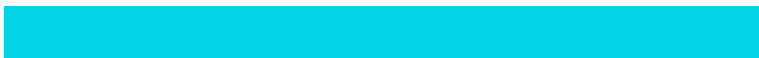
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15769584



14530138



54243

# Complementary

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



15769584



10481823

# 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.



54195



15769584



11453795

# Square

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



15769584



16754029



7655045



52735

# Rectangle

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



15769584



16749987



7655045



54228



# Sweetspot

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



15769584



16770815



10461168



8417408



0



8421504



# Same Dimension

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



15769584



16750335



15769543



7892088



12058808



3670072



# Inverse Universe

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



15769584



16750335



10481863



7892088



12058808



3670072



# Previews

## White Background



This preview shows how the Decimal color 15769584 looks on a white background.

## Color Contrast Check

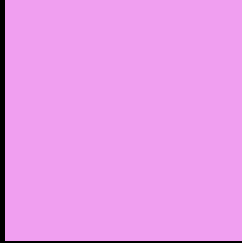
Large Text (above 18pt) WCAG AA × Fail

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 15769584 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 15769584 Background



This preview shows how black text looks on a background with the Decimal color 15769584.



This preview shows how white text looks on a background with the Decimal color 15769584.

# 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**  
15248055

# Trichromacy



**Original Color**  
15769584



**Protanomaly**  
12759290



**Deuteranomaly**  
13283309

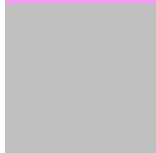


**Tritanomaly**  
15443660

# Monochromacy



**Original Color**  
15769584



**Achromatopsia**  
12632256



**Achromatomaly**  
13743313

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15769584 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 #F09FF0 looks like.

```
.text, #text, p{  
    color:#F09FF0  
}
```

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 #F09FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F09FF0
}
```

## Border

The CSS property to change the border of an element to Decimal 15769584 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
#F09FF0 }
```

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

```
.border{ border-color:#F09FF0 }
```

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

Here you see how a box with a 4 pixel #F09FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F09FF0; -webkit-box-shadow:4px 4px  
4px 4px #F09FF0; box-shadow:4px 4px 4px  
4px #F09FF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 15769584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F09FF0 }
```

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

```
.background{ background-color:#F09FF0 }
```

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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