

# Converting Colors

Decimal(15763933)

Have a look what the booklet for  
Decimal(15763933) contains.

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# **Color**

**Decimal(15763933)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F089DD
RGB	240, 137, 221
RGB Percent	94%, 54%, 87%
CMY	0.0588, 0.4627, 0.1333
CMYK	0.00, 0.43, 0.08, 0.06
HSL	311°, 77%, 74%
HSV	311°, 43%, 94%
XYZ	57.9320, 41.6370, 73.3900
YIQ	177.3730, 34.4240, 47.9600

# Conversions

## Conversions Part 2

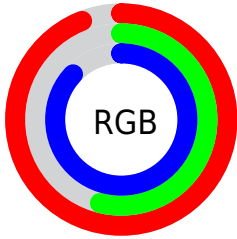
Format	Color
R <sub>Y</sub> B	240, 137, 221
Decimal	15763933
CIE Lab	70.62, 50.57, -26.01
CIE LCh	71, 56.868, 332.780
Yxy	41.6370, 0.3349, 0.2407
Android (android.graphics.Color)	4293954013 (0xFFFF089DD)
YUV	177.3730, 21.5081, 54.9239
Hunter-Lab	64.5268, 47.3350, -22.2652

# Details

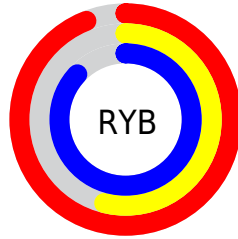
The Decimal color **15763933** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9040028**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16761343**, and **11948966** is the 20% darker color. If you saturate the color by 10%, you get **15757785**, and if you desaturate by 10%, it is **15770081**.

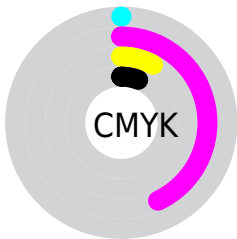
# Distribution



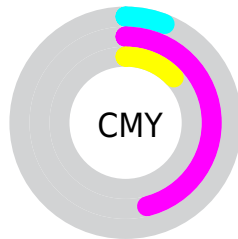
- Red (94%)
- Green (54%)
- Blue (87%)



- Red (94%)
- Yellow (54%)
- Blue (87%)



- Cyan (0%)
- Magenta (43%)
- Yellow (8%)
- Black (6%)

















- Cyan (6%)
- Magenta (46%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15763933 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 15763933 by changing the saturation by 10% instead.



 15763933	 15763933
16777215	 13856449
 16761343	 11948966
 16768511	 10107275
 16775935	 8330354
	 6553689
	 4784193
	 3342379
	 983061
	 0

 15763933

 15763933

 15757785

 15770081

 15751636

 15776230

 15745488

 15782378

 15739339

 15788527

 15733191

 15794163

 15728836

 15794168

 15794172

 15794175

# Harmonies

## Analogous

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



11967999



15763933



16744362

# Triad

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



15763933



12954688



50659

# Complementary

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



15763933



9040028

# 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.



50864



15763933



9484881

# Square

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



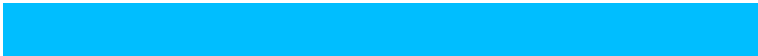
15763933



15702352



4637563



48895

# Rectangle

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



15763933



16745096



4637563



50899



# Sweetspot

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



15763933



16768761



10258928



8416124



0



8421504



# Same Dimension

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



15763933



16743143



15763882



7892086



12058774



3670062



# Inverse Universe

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



15763933



16743143



9040079



7892086



12058774

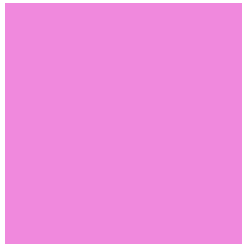


3670062



# Previews

## White Background



This preview shows how the Decimal color 15763933 looks on a white background.

## Color Contrast Check

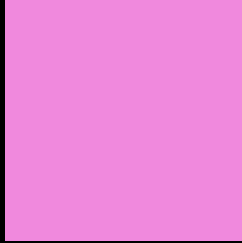
Large Text (above 18pt) WCAG AA × Fail

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 15763933 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 15763933 Background



This preview shows how black text looks on a background with the Decimal color 15763933.



This preview shows how white text looks on a background with the Decimal color 15763933.

# 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**  
15308449

# Trichromacy



**Original Color**  
15763933



**Protanomaly**  
11968493



**Deuteranomaly**  
12754649



**Tritanomaly**  
15503799

# Monochromacy



**Original Color**  
15763933



**Achromatopsia**  
11645361



**Achromatomaly**  
13148865

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15763933 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 #F089DD looks like.

```
.text, #text, p{  
    color:#F089DD  
}
```

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 #F089DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F089DD }  
}
```

## Border

The CSS property to change the border of an element to Decimal 15763933 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 #F089DD }  
}
```

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

```
.border{ border-color:#F089DD }
```

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

Here you see how a box with a 4 pixel #F089DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F089DD; -webkit-box-shadow:4px 4px  
4px 4px #F089DD; box-shadow:4px 4px 4px  
4px #F089DD }
```

# Background

The CSS property to change the background color of an element to Decimal 15763933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F089DD }
```

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

```
.background{ background-color:#F089DD }
```

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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