

# Converting Colors

Decimal(15893949)

Have a look what the booklet for  
Decimal(15893949) contains.

<b>Decimal(15893949)</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(15893949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F285BD
RGB	242, 133, 189
RGB Percent	95%, 52%, 74%
CMY	0.0510, 0.4784, 0.2588
CMYK	0.00, 0.45, 0.22, 0.05
HSL	329°, 81%, 74%
HSV	329°, 45%, 95%
XYZ	54.1908, 39.3264, 52.8787
YIQ	171.9750, 46.9880, 40.5240

# Conversions

## Conversions Part 2

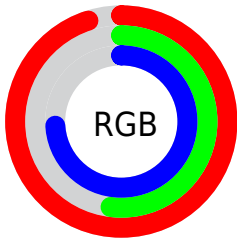
Format	Color
R <sub>Y</sub> B	242, 133, 189
Decimal	15893949
CIE Lab	68.99, 48.28, -10.68
CIE LCh	69, 49.446, 347.530
Yxy	39.3264, 0.3702, 0.2686
Android (android.graphics.Color)	4294084029 (0xFFFF285BD)
YUV	171.9750, 8.3933, 61.4119
Hunter-Lab	62.7108, 44.5048, -6.0967

# Details

The Decimal color **15893949** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8778426**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **16760053**, and **12079240** is the 20% darker color. If you saturate the color by 10%, you get **15887793**, and if you desaturate by 10%, it is **15900105**.

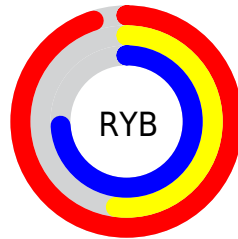
# Distribution



Red (95%)

Green (52%)

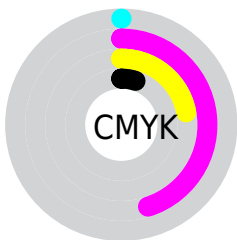
Blue (74%)



Red (95%)

Yellow (52%)

Blue (74%)

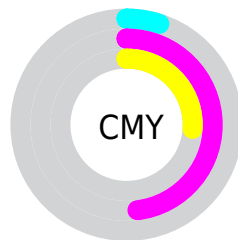


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (5%)



Cyan (5%)

Magenta (48%)















Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15893949 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 15893949 by changing the saturation by 10% instead.



 15893949	 15893949
16777215	 13986466
 16760053	 12079240
 16767487	 10171758
 16774911	 8329046
	 6553663
	 4849705
	 3276820
	 131072
	 0

 15893949

 15893949

 15887793

 15900105

 15881637

 15906261

 15875226

 15912672

 15869070

 15918828

 15862914

 15924984

 15859836

 15925247

# Harmonies

## Analogous

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



13472485



15893949



16614544

# Triad

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



15893949



11120208



48361

# Complementary

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



15893949



8778426

# 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.



49090



15893949



7780458

# Square

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



15893949



13868879



2408084



504831

# Rectangle

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



15893949



16222836



2408084



48606



# Sweetspot

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



15893949



16767982



12223986



8415861



0



8421504



# Same Dimension

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



15893949



16741820



15893895



7892082



12058718



3670045



# Inverse Universe

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



15893949



16741820



8778480



7892082



12058718



3670045



# Previews

## White Background



This preview shows how the Decimal color 15893949 looks on a white background.

## Color Contrast Check

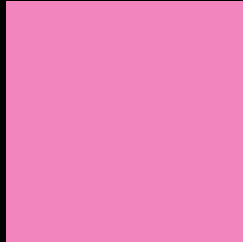
Large Text (above 18pt) WCAG AA × Fail

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 15893949 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 15893949 Background



This preview shows how black text looks on a background with the Decimal color 15893949.




This preview shows how white text looks on a background with the Decimal color 15893949.

# 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**  
15633559

# Trichromacy



**Original Color**  
15893949



**Protanomaly**  
12426188



**Deuteranomaly**  
13212090



**Tritanomaly**  
15698341

# Monochromacy



**Original Color**  
15893949



**Achromatopsia**  
11316396



**Achromatomaly**  
12951218

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15893949 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 #F285BD looks like.

```
.text, #text, p{  
    color:#F285BD  
}
```

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 #F285BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F285BD
}
```

## Border

The CSS property to change the border of an element to Decimal 15893949 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
#F285BD }
```

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

```
.border{ border-color:#F285BD }
```

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

Here you see how a box with a 4 pixel #F285BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F285BD; -webkit-box-shadow:4px 4px  
4px 4px #F285BD; box-shadow:4px 4px 4px  
4px #F285BD }
```

# Background

The CSS property to change the background color of an element to Decimal 15893949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F285BD }
```

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

```
.background{ background-color:#F285BD }
```

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