

# Converting Colors

Decimal(16594366)

Have a look what the booklet for  
Decimal(16594366) contains.

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# **Color**

**Decimal(16594366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD35BE
RGB	253, 53, 190
RGB Percent	99%, 21%, 75%
CMY	0.0078, 0.7922, 0.2549
CMYK	0.00, 0.79, 0.25, 0.01
HSL	319°, 98%, 60%
HSV	319°, 79%, 99%
XYZ	51.0754, 27.1466, 51.2630
YIQ	128.4180, 75.2230, 85.0070

# Conversions

## Conversions Part 2

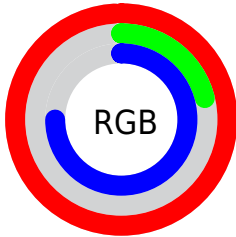
Format	Color
R <sub>Y</sub> B	253, 53, 190
Decimal	16594366
CIE Lab	59.11, 82.75, -26.09
CIE LCh	59, 86.767, 342.501
Yxy	27.1466, 0.3945, 0.2097
Android (android.graphics.Color)	4294784446 (0xFFFD35BE)
YUV	128.4180, 30.3599, 109.2584
Hunter-Lab	52.1024, 83.8025, -21.8632

# Details

The Decimal color **16594366** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **3538292**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16742903**, and **12583048** is the 20% darker color. If you saturate the color by 10%, you get **16587958**, and if you desaturate by 10%, it is **16600774**.

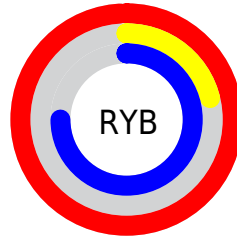
# Distribution



Red (99%)

Green (21%)

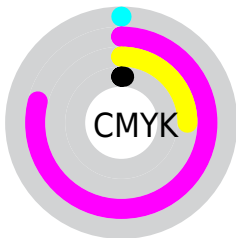
Blue (75%)



Red (99%)

Yellow (21%)

Blue (75%)

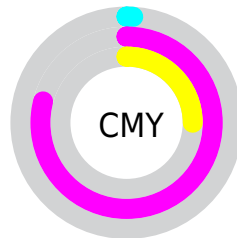


Cyan (0%)

Magenta (79%)

Yellow (25%)

Black (1%)



Cyan (1%)

Magenta (79%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16594366 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 16594366 by changing the saturation by 10% instead.



 16594366

 16594366

16777215

 14549155

 16742903

 12583048

 16750847

 10551407

 16758527

 8650838

 16766207

 6684734

 16774143

 4915241

 2949138

 0

 16594366

 16594366

16587958

16600774

16581294

16607438

16580781

16613846

16620254

16626918

16633326

16639734

16646142

16646143

# Harmonies

## Analogous

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



11954431



16594366



16720242

# Triad

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



16594366



9409792



44533

# Complementary

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



16594366



3538292

# 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.



44973



16594366



2794496

# Square

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



16594366



13662720



44125



42239

# Rectangle

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



16594366



16728129



44125



44767



# Sweetspot

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



16594366



16761580



7419389



8412020



0



8421504



# Same Dimension

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



16594366



16715187



16594269



8418171



12517507



4194348



# Inverse Universe

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



16594366



16715187



3538389



8418171



12517507



4194348



# Previews

## White Background



This preview shows how the Decimal color 16594366 looks on a white background.

## Color Contrast Check

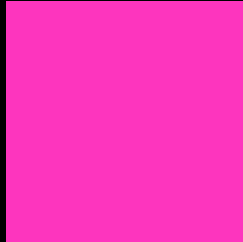
Large Text (above 18pt) WCAG AA ✓ Pass

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 16594366 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 16594366 Background



This preview shows how black text looks on a background with the Decimal color 16594366.



This preview shows how white text looks on a background with the Decimal color 16594366.

# 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**  
16078684

# Trichromacy



**Original Color**  
16594366



**Protanomaly**  
9661671



**Deuteranomaly**  
11824311



**Tritanomaly**  
16272256

# Monochromacy



**Original Color**  
16594366



**Achromatopsia**  
8421504



**Achromatomaly**  
11363735

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16594366 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 #FD35BE looks like.

```
.text, #text, p{  
  color:#FD35BE  
}
```

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 #FD35BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD35BE
}
```

## Border

The CSS property to change the border of an element to Decimal 16594366 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
#FD35BE }
```

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

```
.border{ border-color:#FD35BE }
```

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

Here you see how a box with a 4 pixel #FD35BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD35BE; -webkit-box-shadow:4px 4px  
4px 4px #FD35BE; box-shadow:4px 4px 4px  
4px #FD35BE }
```

# Background

The CSS property to change the background color of an element to Decimal 16594366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD35BE }
```

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

```
.background{ background-color:#FD35BE }
```

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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