

Converting Colors

Decimal(16594319)

Have a look what the booklet for
Decimal(16594319) contains.

Decimal(16594319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16594319)

Conversions

Conversions Part 1

Format	Color
Hex	FD358F
RGB	253, 53, 143
RGB Percent	99%, 21%, 56%
CMY	0.0078, 0.7922, 0.4392
CMYK	0.00, 0.79, 0.43, 0.01
HSL	333°, 98%, 60%
HSV	333°, 79%, 99%
XYZ	46.7390, 25.4120, 28.4282
YIQ	123.0600, 90.3100, 70.3900

Conversions

Conversions Part 2

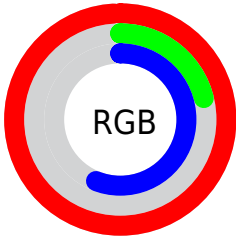
Format	Color
R_{YB}	253, 53, 143
Decimal	16594319
CIE _{Lab}	57.47, 77.95, -1.15
CIE _{LCh}	57, 77.962, 359.157
Yxy	25.4120, 0.4647, 0.2527
Android (android.graphics.Color)	4294784399 (0xFFFD358F)
YUV	123.0600, 9.8304, 113.9574
Hunter-Lab	50.4103, 77.2821, 1.8515

Details

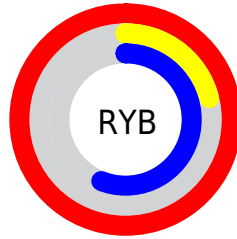
The Decimal color **16594319** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **3538339**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **16742597**, and **12451933** is the 20% darker color. If you saturate the color by 10%, you get **16587905**, and if you desaturate by 10%, it is **16600733**.

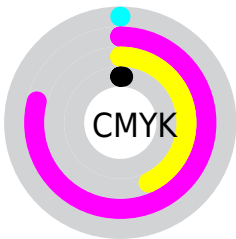
Distribution



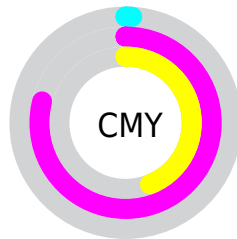
- Red (99%)
- Green (21%)
- Blue (56%)



- Red (99%)
- Yellow (21%)
- Blue (56%)



- Cyan (0%)
- Magenta (79%)
- Yellow (43%)
- Black (1%)



- Cyan (1%)
- Magenta (79%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16594319 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 16594319 by changing the saturation by 10% instead.

 16594319

 16594319

16777215

 14549110

 16742597

 12451933

 16750304

 10485830

 16758013

 8454192

 16765695

 6488091

 16773375

 4587524

 2490369

 0

 16594319

 16594319

■ 16587905

■ 16600733

■ 16581235

■ 16607403

■ 16580722

■ 16613817

■ 16620231

■ 16626901

■ 16633314

■ 16639728

16646142

16646143

Harmonies

Analogous

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



14177233



16594319



16467532

Triad

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



16594319



6658304



41727

Complementary

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



16594319



3538339

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.



42955



16594319



41790

Square

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



16594319



11044608



42886



37887

Rectangle

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



16594319



15293983



42886



42481

Sweetspot

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



16594319



16761565



10696189



8412011



0



8421504

Same Dimension

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



16594319



16715130



16596789



8418168



12517462



4194333

Inverse Universe

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



16594319



16715130



3535869



8418168



12517462



4194333

Previews

White Background



This preview shows how the Decimal color 16594319 looks on a white background.

Color Contrast Check

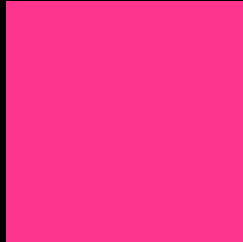
Large Text (above 18pt) WCAG AA ✓ Pass

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 16594319 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 16594319 Background



This preview shows how black text looks on a background with the Decimal color 16594319.



This preview shows how white text looks on a background with the Decimal color 16594319.

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



Original Color
16594319

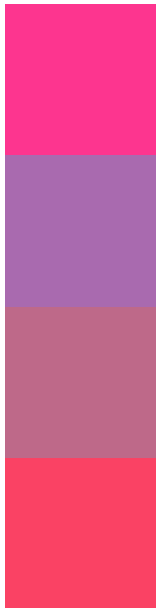
Protanopia
7964865

Deuteranopia
10126981



Tritanopia
16337228

Trichromacy



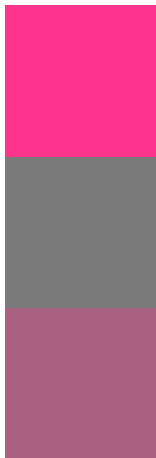
Original Color
16594319

Protanomaly
11102895

Deuteranomaly
12478857

Tritanomaly
16400996

Monochromacy



Original Color
16594319

Achromatopsia
8092539

Achromatomaly
11166338

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16594319 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 #FD358F looks like.

```
.text, #text, p{  
  color:#FD358F  
}
```

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 #FD358F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD358F
}
```

Border

The CSS property to change the border of an element to Decimal 16594319 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
#FD358F }
```

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

```
.border{ border-color:#FD358F }
```

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

Here you see how a box with a 4 pixel #FD358F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD358F; -webkit-box-shadow:4px 4px  
4px 4px #FD358F; box-shadow:4px 4px 4px  
4px #FD358F }
```

Background

The CSS property to change the background color of an element to Decimal 16594319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD358F }
```

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

```
.background{ background-color:#FD358F }
```

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