

# Converting Colors

Decimal(16454509)

Have a look what the booklet for  
Decimal(16454509) contains.

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**Color**

**Decimal(16454509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB136D
RGB	251, 19, 109
RGB Percent	98%, 7%, 43%
CMY	0.0157, 0.9255, 0.5725
CMYK	0.00, 0.92, 0.57, 0.02
HSL	337°, 97%, 53%
HSV	337°, 92%, 98%
XYZ	42.7769, 22.0791, 16.4751
YIQ	98.6280, 109.3820, 77.1740

# Conversions

## Conversions Part 2

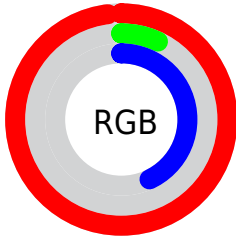
<b>Format</b>	<b>Color</b>
<b>RYB</b>	251, 19, 109
Decimal	16454509
CIELab	54.11, 80.97, 14.31
CIElCh	54, 82.224, 10.020
Yxy	22.0791, 0.5260, 0.2715
Android (android.graphics.Color)	4294644589 (0xFFFB136D)
YUV	98.6280, 5.1134, 133.6302
Hunter-Lab	46.9884, 80.2714, 12.1036

# Details

The Decimal color **16454509** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **1309601**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **16737952**, and **12255294** is the 20% darker color. If you saturate the color by 10%, you get **16449633**, and if you desaturate by 10%, it is **16460924**.

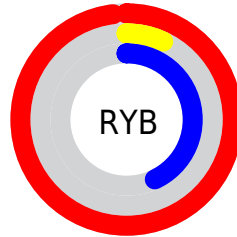
# Distribution



Red (98%)

Green (7%)

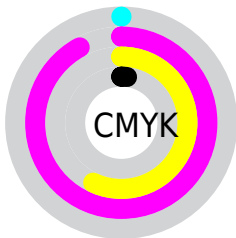
Blue (43%)



Red (98%)

Yellow (7%)

Blue (43%)

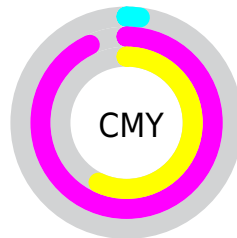


Cyan (0%)

Magenta (92%)

Yellow (57%)

Black (2%)



Cyan (2%)

Magenta (93%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16454509 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 16454509 by changing the saturation by 10% instead.



 16454509

 16454509

16777215

 14352469

 16737952

 12255294

 16746171

 10158121

 16753879

 8126486

 16761587

 6094852

 16769535

 4063235

 1638401

 0

 16454509

 16454509

■ 16449633

■ 16460924

■ 16467340

■ 16473755

■ 16480170

■ 16486586

■ 16493257

■ 16499673

■ 16506088

■ 16512503

# Harmonies

## Analogous

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



15020468



16454509



15483944

# Triad

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



16454509



3183872



38655

# Complementary

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



16454509



1309601

# 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.



40668



16454509



40269

# Square

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



16454509



8947200



40856



33791

# Rectangle

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



16454509



13852672



40856



39677



# Sweetspot

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



16454509



16758995



10359803



8410213



0



8421504



# Same Dimension

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



16454509



16711779



16460307



8220789



12386377



3997720



# Inverse Universe

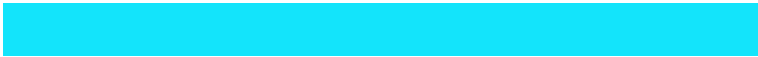
The Inverse Universe completely reimagines the original color for something new.



16454509



16711779



1303803



8220789



12386377



3997720



# Previews

## White Background



This preview shows how the Decimal color 16454509 looks on a white background.

## Color Contrast Check

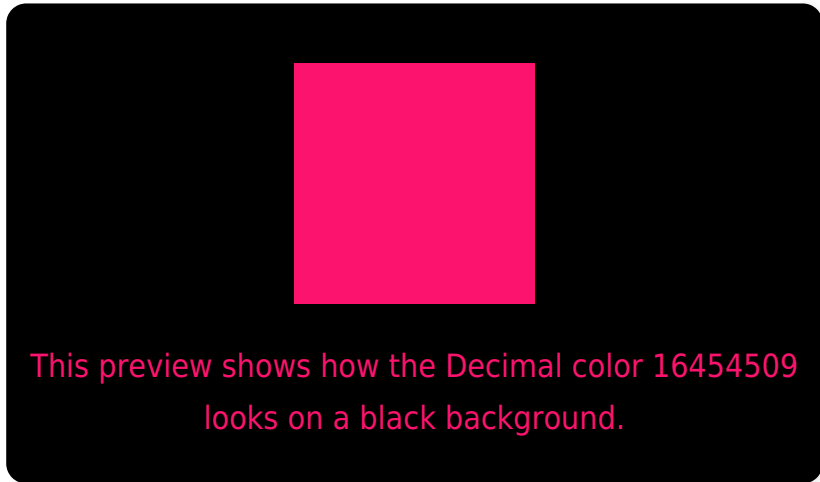
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 16454509 Background



This preview shows how black text looks on a background with the Decimal color 16454509.

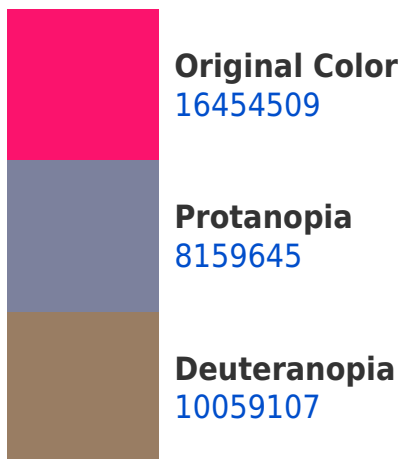


This preview shows how white text looks on a background with the Decimal color 16454509.

# 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





# Trichromacy



**Original Color**  
16454509



**Protanomaly**  
11164044



**Deuteranomaly**  
12408423



**Tritanomaly**  
16327748

# Monochromacy



**Original Color**  
16454509



**Achromatopsia**  
6513507



**Achromatomaly**  
10110567

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16454509 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 #FB136D looks like.

```
.text, #text, p{  
    color:#FB136D  
}
```

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 #FB136D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB136D
}
```

## Border

The CSS property to change the border of an element to Decimal 16454509 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
#FB136D }
```

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

```
.border{ border-color:#FB136D }
```

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

Here you see how a box with a 4 pixel #FB136D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB136D; -webkit-box-shadow:4px 4px  
4px 4px #FB136D; box-shadow:4px 4px 4px  
4px #FB136D }
```

# Background

The CSS property to change the background color of an element to Decimal 16454509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB136D }
```

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

```
.background{ background-color:#FB136D }
```

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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