

Converting Colors

Decimal(16469639)

Have a look what the booklet for
Decimal(16469639) contains.

Decimal(16469639)	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(16469639)

Conversions

Conversions Part 1

Format	Color
Hex	FB4E87
RGB	251, 78, 135
RGB Percent	98%, 31%, 53%
CMY	0.0157, 0.6941, 0.4706
CMYK	0.00, 0.69, 0.46, 0.02
HSL	340°, 96%, 65%
HSV	340°, 69%, 98%
XYZ	46.8812, 27.7073, 25.7988
YIQ	136.2250, 84.8110, 54.4030

Conversions

Conversions Part 2

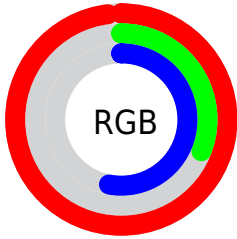
Format	Color
R_{YB}	251, 78, 135
Decimal	16469639
CIE _{Lab}	59.62, 69.09, 6.63
CIE _{LCh}	60, 69.409, 5.478
Yxy	27.7073, 0.4670, 0.2760
Android (android.graphics.Color)	4294659719 (0xFFFB4E87)
YUV	136.2250, -0.6039, 100.6577
Hunter-Lab	52.6377, 66.8632, 7.7872

Details

The Decimal color **16469639** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **5176258**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16746940**, and **12386390** is the 20% darker color. If you saturate the color by 10%, you get **16463222**, and if you desaturate by 10%, it is **16476056**.

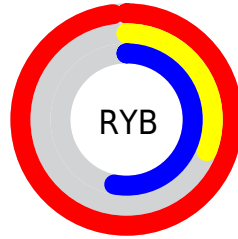
Distribution



Red (98%)

Green (31%)

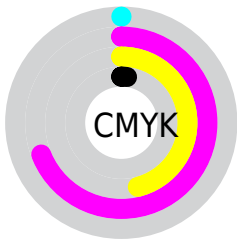
Blue (53%)



Red (98%)

Yellow (31%)

Blue (53%)

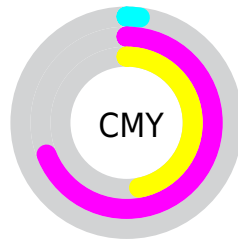


Cyan (0%)

Magenta (69%)

Yellow (46%)

Black (2%)



Cyan (2%)















Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16469639 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 16469639 by changing the saturation by 10% instead.

 16469639	 16469639
16777215	 14429294
 16746940	 12386390
 16754648	 10354751
 16762100	 8388649
 16769791	 6422549
	 4653060
	 2490369
	 0

 16469639  16469639

■ 16463222

■ 16476056

■ 16456805

■ 16482473

■ 16450389

■ 16488889

■ 16449619

■ 16495306

■ 16501979

■ 16508396

■ 16514813

■ 16515071

Harmonies

Analogous

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



14769603



16469639



16014924

Triad

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



16469639



6463516



41983

Complementary

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



16469639



5176258

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.



43733



16469639



43098

Square

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



16469639



10653952



43929



37887

Rectangle

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



16469639



14708775



43929



42740

Sweetspot

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



16469639



16763355



12668667



8413290



0



8421504

Same Dimension

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



16469639



16722801



16477006



8220789



12386366



3997716

Inverse Universe

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



16469639



16722801



5168891



8220789



12386366



3997716

Previews

White Background



This preview shows how the Decimal color 16469639 looks on a white background.

Color Contrast Check

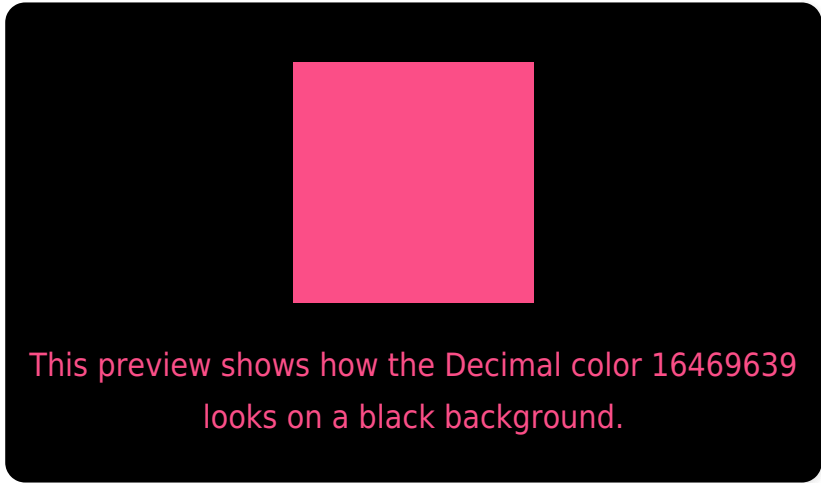
Large Text (above 18pt) WCAG AA ✓ Pass

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 16469639 Background



This preview shows how black text looks on a background with the Decimal color 16469639.



This preview shows how white text looks on a background with the Decimal color 16469639.

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

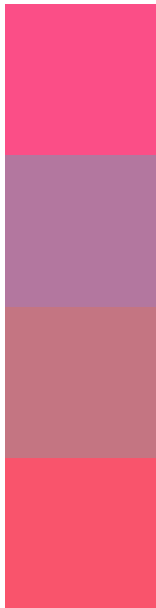


Original Color
16469639

Protanopia
9080748

Deuteranopia
10783615

Trichromacy



Original Color
16469639

Protanomaly
11761567

Deuteranomaly
12875138

Tritanomaly
16340076

Monochromacy



Original Color
16469639

Achromatopsia
8947848

Achromatomaly
11694984

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16469639 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 #FB4E87 looks like.

```
.text, #text, p{  
    color:#FB4E87  
}
```

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 #FB4E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB4E87
}
```

Border

The CSS property to change the border of an element to Decimal 16469639 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
#FB4E87 }
```

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

```
.border{ border-color:#FB4E87 }
```

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

Here you see how a box with a 4 pixel #FB4E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB4E87; -webkit-box-shadow:4px 4px  
4px 4px #FB4E87; box-shadow:4px 4px 4px  
4px #FB4E87 }
```

Background

The CSS property to change the background color of an element to Decimal 16469639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB4E87 }
```

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

```
.background{ background-color:#FB4E87 }
```

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