

# Converting Colors

Decimal(16476655)

Have a look what the booklet for  
Decimal(16476655) contains.

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# **Color**

**Decimal(16476655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB69EF
RGB	251, 105, 239
RGB Percent	98%, 41%, 94%
CMY	0.0157, 0.5882, 0.0627
CMYK	0.00, 0.58, 0.05, 0.02
HSL	305°, 95%, 70%
HSV	305°, 58%, 98%
XYZ	60.4152, 36.8444, 85.5888
YIQ	163.9300, 44.0020, 72.6260

# Conversions

## Conversions Part 2

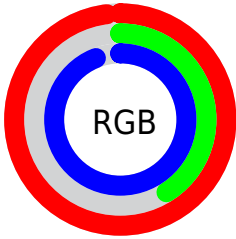
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 105, 239
Decimal	16476655
CIE Lab	67.16, 71.46, -41.20
CIE LCh	67, 82.483, 330.034
Yxy	36.8444, 0.3304, 0.2015
Android (android.graphics.Color)	4294666735 (0xFFFB69EF)
YUV	163.9300, 37.0095, 76.3604
Hunter-Lab	60.6996, 71.4396, -41.1116

# Details

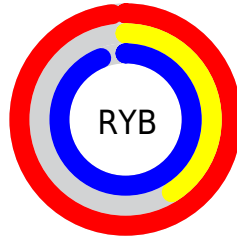
The Decimal color **16476655** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6945653**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16753663**, and **12528311** is the 20% darker color. If you saturate the color by 10%, you get **16470253**, and if you desaturate by 10%, it is **16483057**.

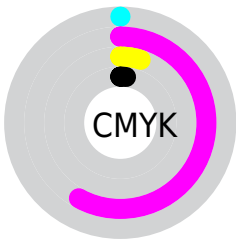
# Distribution



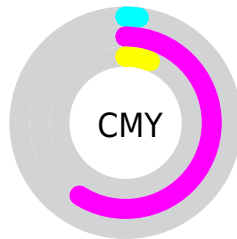
- Red (98%)
- Green (41%)
- Blue (94%)



- Red (98%)
- Yellow (41%)
- Blue (94%)



- Cyan (0%)
- Magenta (58%)
- Yellow (5%)
- Black (2%)


















- Cyan (2%)
- Magenta (59%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16476655 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 16476655 by changing the saturation by 10% instead.



 16476655	 16476655
16777215	 14502866
 16753663	 12528311
 16761087	 10616987
 16768767	 8781953
 16776191	 6881383
	 5111887
	 3407927
	 1179680
	 4

 16476655

 16476655

 16470253

 16483057

 16463851

 16489459

 16457449

 16495861

 16451047

 16502263

 16449766

 16508665

 16515067

 16515069

 16515071

# Harmonies

## Analogous

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



10326015



16476655



16731815

# Triad

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



16476655



12886016



50412

# Complementary

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



16476655



6945653

# 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.



50337



16476655



8041472

# Square

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



16476655



16613905



48980



48895

# Rectangle

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



16476655



16733301



48980



50644



# Sweetspot

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



16476655



16766203



7563771



8414845



0



8421504



# Same Dimension

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



16476655



16731632



16476584



8220796



12386477



3997752



# Inverse Universe

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



16476655



16731632



6945724



8220796



12386477



3997752



# Previews

## White Background



This preview shows how the Decimal color 16476655 looks on a white background.

## Color Contrast Check

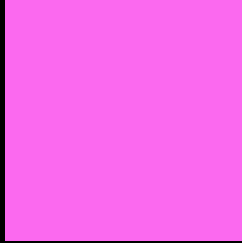
Large Text (above 18pt) WCAG AA × Fail

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 16476655 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 16476655 Background



This preview shows how black text looks on a background with the Decimal color 16476655.




This preview shows how white text looks on a background with the Decimal color 16476655.

# 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**  
15762317

# Trichromacy



**Original Color**  
16476655



**Protanomaly**  
11374073



**Deuteranomaly**  
11898345



**Tritanomaly**  
16022193

# Monochromacy



**Original Color**  
16476655



**Achromatopsia**  
10790052



**Achromatomaly**  
12881855

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16476655 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 #FB69EF looks like.

```
.text, #text, p{  
  color:#FB69EF  
}
```

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 #FB69EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB69EF
}
```

## Border

The CSS property to change the border of an element to Decimal 16476655 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
#FB69EF }
```

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

```
.border{ border-color:#FB69EF }
```

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

Here you see how a box with a 4 pixel #FB69EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB69EF; -webkit-box-shadow:4px 4px  
4px 4px #FB69EF; box-shadow:4px 4px 4px  
4px #FB69EF }
```

# Background

The CSS property to change the background color of an element to Decimal 16476655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB69EF }
```

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

```
.background{ background-color:#FB69EF }
```

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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