

# Converting Colors

Decimal(16449656)

Have a look what the booklet for  
Decimal(16449656) contains.

<b>Decimal(16449656)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(16449656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB0078
RGB	251, 0, 120
RGB Percent	98%, 0%, 47%
CMY	0.0157, 1.0000, 0.5294
CMYK	0.00, 1.00, 0.52, 0.02
HSL	331°, 100%, 49%
HSV	331°, 100%, 98%
XYZ	43.1738, 21.8653, 19.7142
YIQ	88.7290, 111.0760, 90.5320

# Conversions

## Conversions Part 2

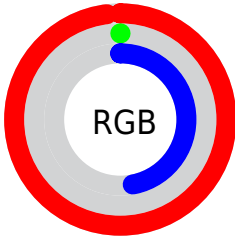
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 0, 120
Decimal	16449656
CIE <sub>Lab</sub>	53.88, 83.13, 7.34
CIE <sub>LCh</sub>	54, 83.454, 5.049
Yxy	21.8653, 0.5094, 0.2580
Android (android.graphics.Color)	4294639736 (0xFFFB0078)
YUV	88.7290, 15.4166, 142.3117
Hunter-Lab	46.7603, 82.9785, 7.7355

# Details

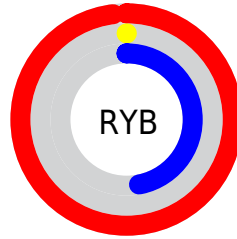
The Decimal color **16449656** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **64387**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **16736940**, and **12255304** is the 20% darker color. If you saturate the color by 10%, you get **16449656**, and if you desaturate by 10%, it is **16456069**.

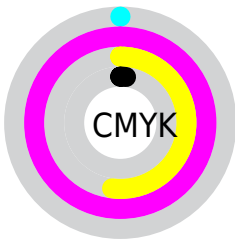
# Distribution



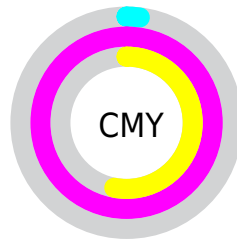
- Red (98%)
- Green (0%)
- Blue (47%)



- Red (98%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (2%)


















- Cyan (2%)
- Magenta (100%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16449656 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 16449656 by changing the saturation by 10% instead.



 16449656	 16449656
16777215	 14352479
 16736940	 12255304
 16745159	 10223666
 16753123	 8126494
 16761087	 6160388
 16768767	 4128771
16776703	 1769473
	 0

 16449656

 16456069

 16462482

 16468895

 16475308

 16481978

 16488391

 16494804

 16501217

 16507630

# Harmonies

## Analogous

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



14563007



16449656



15808818

# Triad

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



16449656



4363008



39167

# Complementary

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



16449656



64387

# 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.



40659



16449656



39743

# Square

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



16449656



9601536



40844



34815

# Rectangle

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



16449656



14309376



40844



39927



# Sweetspot

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



16449656



16757719



8519931



8409704



0



8421504



# Same Dimension

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



16449656



16711802



16450560



8220790



12386394



3997725



# Inverse Universe

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



16449656



16711802



63483



8220790



12386394



3997725



# Previews

## White Background



This preview shows how the Decimal color 16449656 looks on a white background.

## Color Contrast Check

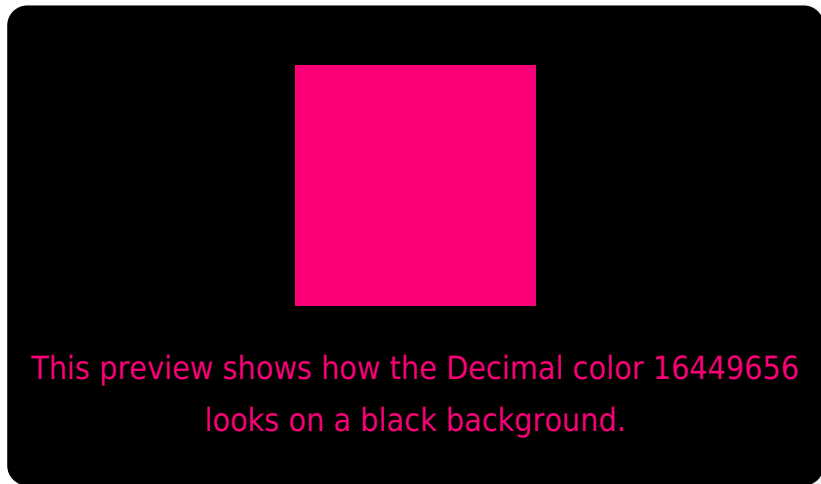
Large Text (above 18pt) WCAG AA ✓ Pass

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 16449656 Background



This preview shows how black text looks on a background with the Decimal color 16449656.



This preview shows how white text looks on a background with the Decimal color 16449656.

# 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**

16449656



**Protanomaly**

10900122



**Deuteranomaly**

12275826



**Tritanomaly**

16326474

# Monochromacy



**Original Color**

16449656



**Achromatopsia**

5855577



**Achromatomaly**

9714020

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16449656 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 #FB0078 looks like.

```
.text, #text, p{  
  color:#FB0078  
}
```

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 #FB0078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB0078
}
```

## Border

The CSS property to change the border of an element to Decimal 16449656 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
#FB0078 }
```

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

```
.border{ border-color:#FB0078 }
```

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

Here you see how a box with a 4 pixel #FB0078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB0078; -webkit-box-shadow:4px 4px  
4px 4px #FB0078; box-shadow:4px 4px 4px  
4px #FB0078 }
```

# Background

The CSS property to change the background color of an element to Decimal 16449656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB0078 }
```

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

```
.background{ background-color:#FB0078 }
```

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