

# Converting Colors

Decimal(16671665)

Have a look what the booklet for  
Decimal(16671665) contains.

<b>Decimal(16671665)</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(16671665)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE63B1
RGB	254, 99, 177
RGB Percent	100%, 39%, 69%
CMY	0.0039, 0.6118, 0.3059
CMYK	0.00, 0.61, 0.30, 0.00
HSL	330°, 99%, 69%
HSV	330°, 61%, 100%
XYZ	53.2707, 33.1688, 45.1895
YIQ	154.2370, 67.3420, 57.1180

# Conversions

## Conversions Part 2

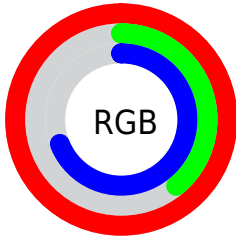
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 99, 177
Decimal	16671665
CIELab	64.30, 66.13, -10.74
CIELCh	64, 67.000, 350.775
Yxy	33.1688, 0.4047, 0.2520
Android (android.graphics.Color)	4294861745 (0xFFFE63B1)
YUV	154.2370, 11.2222, 87.4922
Hunter-Lab	57.5924, 64.3188, -6.2069

# Details

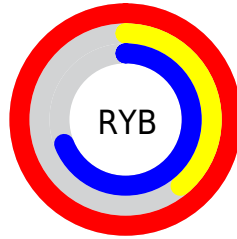
The Decimal color **16671665** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6553264**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **16752105**, and **12657532** is the 20% darker color. If you saturate the color by 10%, you get **16665252**, and if you desaturate by 10%, it is **16678078**.

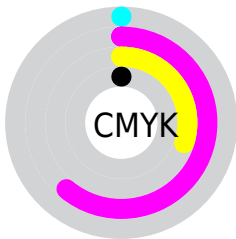
# Distribution



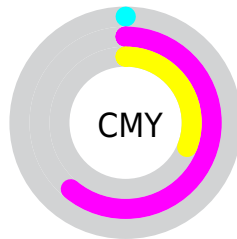
- Red (100%)
- Green (39%)
- Blue (69%)



- Red (100%)
- Yellow (39%)
- Blue (69%)



- Cyan (0%)
- Magenta (61%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16671665 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 16671665 by changing the saturation by 10% instead.



 16671665

 16671665

16777215

 14632342

 16752105

 12657532

 16759551

 10748004

 16766975

 8847436

 16774655

 6946869

 5111840

 3342340

 0

 16671665

 16671665

■ 16665252

■ 16678078

■ 16658584

■ 16684746

■ 16652171

■ 16691159

■ 16646272

■ 16697827

■ 16704240

■ 16710653

16711679

# Harmonies

## Analogous

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



13793768



16671665



16737397

# Triad

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



16671665



9610520



46328

# Complementary

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



16671665



6553264

# 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.



47301



16671665



4501835

# Square

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



16671665



13210130



46983



43263

# Rectangle

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



16671665



16544080



46983



46825



# Sweetspot

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



16671665



16765416



11428862



8414066



0



8421504



# Same Dimension

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



16671665



16729507



16671590



8418169



12517472



4194336



# Inverse Universe

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



16671665



16729507



6553339



8418169



12517472



4194336



# Previews

## White Background



This preview shows how the Decimal color 16671665 looks on a white background.

## Color Contrast Check

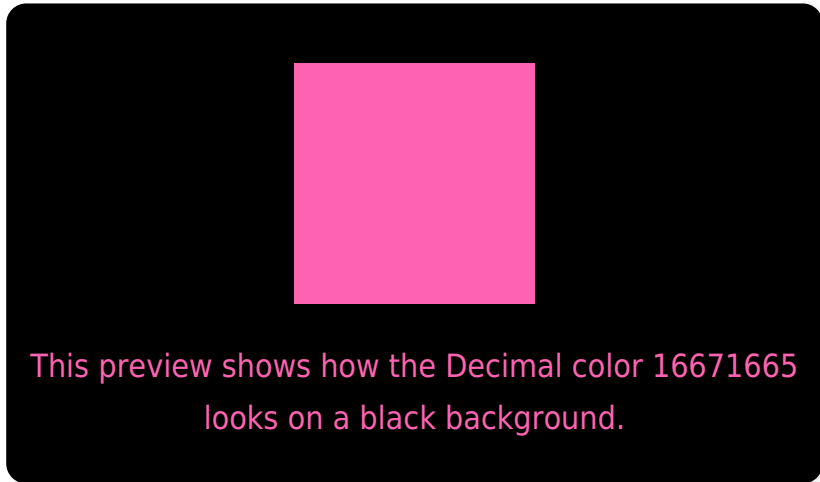
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 16671665 Background



This preview shows how black text looks on a background with the Decimal color 16671665.



This preview shows how white text looks on a background with the Decimal color 16671665.

# 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**  
16347256

# Trichromacy



**Original Color**  
16671665



**Protanomaly**  
11830985



**Deuteranomaly**  
12944812



**Tritanomaly**  
16477069

# Monochromacy



**Original Color**  
16671665



**Achromatopsia**  
10132122



**Achromatomaly**  
12486306

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16671665 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 #FE63B1 looks like.

```
.text, #text, p{  
  color:#FE63B1  
}
```

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 #FE63B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE63B1
}
```

## Border

The CSS property to change the border of an element to Decimal 16671665 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
#FE63B1 }
```

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

```
.border{ border-color:#FE63B1 }
```

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

Here you see how a box with a 4 pixel #FE63B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE63B1; -webkit-box-shadow:4px 4px  
4px 4px #FE63B1; box-shadow:4px 4px 4px  
4px #FE63B1 }
```

# Background

The CSS property to change the background color of an element to Decimal 16671665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE63B1 }
```

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

```
.background{ background-color:#FE63B1 }
```

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