

# Converting Colors

Decimal(16672241)

Have a look what the booklet for  
Decimal(16672241) contains.

<b>Decimal(16672241)</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(16672241)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FE65F1
RGB	254, 101, 241
RGB Percent	100%, 40%, 95%
CMY	0.0039, 0.6039, 0.0549
CMYK	0.00, 0.60, 0.05, 0.00
HSL	305°, 99%, 70%
HSV	305°, 60%, 100%
XYZ	61.4039, 36.7291, 87.0722
YIQ	162.7070, 46.2480, 75.9760

# Conversions

## Conversions Part 2

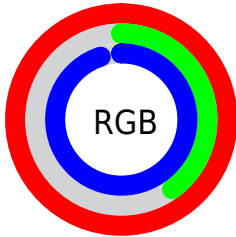
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 101, 241
Decimal	16672241
CIE <sub>Lab</sub>	67.07, 74.16, -42.41
CIE <sub>LCh</sub>	67, 85.433, 330.237
Yxy	36.7291, 0.3315, 0.1983
Android (android.graphics.Color)	4294862321 (0xFFFE65F1)
YUV	162.7070, 38.5984, 80.0640
Hunter-Lab	60.6045, 74.7966, -42.7604

# Details

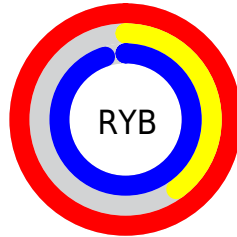
The Decimal color **16672241** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6684274**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16752895**, and **12722872** is the 20% darker color. If you saturate the color by 10%, you get **16665839**, and if you desaturate by 10%, it is **16678643**.

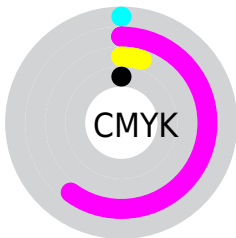
# Distribution



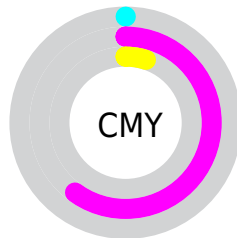
- Red (100%)
- Green (40%)
- Blue (95%)



- Red (100%)
- Yellow (40%)
- Blue (95%)



- Cyan (0%)
- Magenta (60%)
- Yellow (5%)
- Black (0%)


















- Cyan (0%)
- Magenta (60%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16672241 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 16672241 by changing the saturation by 10% instead.



 16672241	 16672241
16777215	 14698196
 16752895	 12722872
 16760319	 10813597
 16767999	 8913027
 16775679	 7012457
	 5242960
	 3473465
	 1310754
	 7

16672241

16672241

16665839

16678643

16659181

16685301

16652779

16691703

16646376

16698362

16704764

16711166

16711679

# Harmonies

## Analogous

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



10260223



16672241



16730022

# Triad

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



16672241



12886016



50671

# Complementary

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



16672241



6684274

# 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.



50594



16672241



7845120

# Square

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



16672241



16744448



49233



48895

# Rectangle

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



16672241



16732019



49233



50647



# Sweetspot

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



16672241



16765435



7497214



8414077



0



8421504



# Same Dimension

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



16672241



16730095



16672165



8418174



12517551



4194362



# Inverse Universe

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



16672241



16730095



6684350



8418174



12517551



4194362



# Previews

## White Background



This preview shows how the Decimal color 16672241 looks on a white background.

## Color Contrast Check

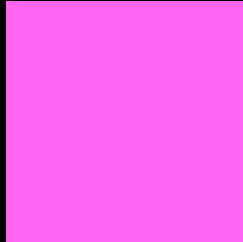
Large Text (above 18pt) WCAG AA × Fail

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 16672241 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 16672241 Background



This preview shows how black text looks on a background with the Decimal color 16672241.




This preview shows how white text looks on a background with the Decimal color 16672241.

# 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**  
15958410

# Trichromacy



**Original Color**  
16672241



**Protanomaly**  
11373562



**Deuteranomaly**  
11898091



**Tritanomaly**  
16218031

# Monochromacy



**Original Color**  
16672241



**Achromatopsia**  
10724259



**Achromatomaly**  
12881087

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16672241 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 #FE65F1 looks like.

```
.text, #text, p{  
    color:#FE65F1  
}
```

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 #FE65F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE65F1
}
```

## Border

The CSS property to change the border of an element to Decimal 16672241 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
#FE65F1 }
```

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

```
.border{ border-color:#FE65F1 }
```

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

Here you see how a box with a 4 pixel #FE65F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE65F1; -webkit-box-shadow:4px 4px  
4px 4px #FE65F1; box-shadow:4px 4px 4px  
4px #FE65F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 16672241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE65F1 }
```

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

```
.background{ background-color:#FE65F1 }
```

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