

# Converting Colors

Decimal(16581365)

Have a look what the booklet for  
Decimal(16581365) contains.

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**Color**

**Decimal(16581365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD02F5
RGB	253, 2, 245
RGB Percent	99%, 1%, 96%
CMY	0.0078, 0.9922, 0.0392
CMYK	0.00, 0.99, 0.03, 0.01
HSL	302°, 98%, 50%
HSV	302°, 99%, 99%
XYZ	57.0112, 27.5186, 88.6930
YIQ	104.7510, 71.5930, 128.7850

# Conversions

## Conversions Part 2

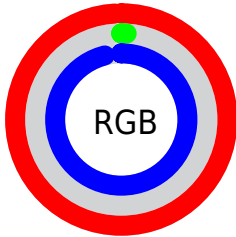
Format	Color
R <sub>Y</sub> B	253, 2, 245
Decimal	16581365
CIE Lab	59.45, 96.45, -56.70
CIE LCh	59, 111.882, 329.553
Yxy	27.5186, 0.3291, 0.1589
Android (android.graphics.Color)	4294771445 (0xFFFD02F5)
YUV	104.7510, 69.1428, 130.0144
Hunter-Lab	52.4582, 102.1905, -63.5230

# Details

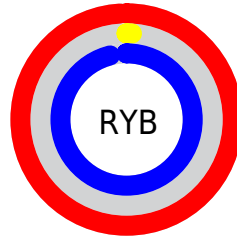
The Decimal color **16581365** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **195850**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16738815**, and **12517564** is the 20% darker color. If you saturate the color by 10%, you get **16580853**, and if you desaturate by 10%, it is **16587766**.

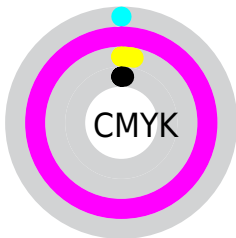
# Distribution



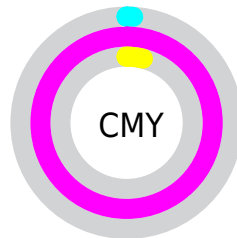
- Red (99%)
- Green (1%)
- Blue (96%)



- Red (99%)
- Yellow (1%)
- Blue (96%)



- Cyan (0%)
- Magenta (99%)
- Yellow (3%)
- Black (1%)



- Cyan (1%)
- Magenta (99%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16581365 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 16581365 by changing the saturation by 10% instead.



 16581365

 16581365

16777215

 14549208

 16738815

 12517564

 16747263

 10551456

 16755199

 8585349

 16763391

 6619243

 16771327

 4784210

 2752570

 35

 10

 16581365

 16581365

 16580853

 16587766

 16594423

 16600823

 16607224

 16613881

 16620282

 16626683

 16633083

 16639740

# Harmonies

## Analogous

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



6780415



16581365



16711829

# Triad

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



16581365



11570176



46575

# Complementary

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



16581365



195850

# 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.



46219



16581365



4629504

# Square

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



16581365



16342016



44817



45567

# Rectangle

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



16581365



16711766



44817



46543



# Sweetspot

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



16581365



16757757



393981



8409726



0



8421504



# Same Dimension

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



16581365



16711927



16581243



8418175



12517561



4194366



# Inverse Universe

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



16581365



16711927



195972



8418175



12517561



4194366



# Previews

## White Background



This preview shows how the Decimal color 16581365 looks on a white background.

## Color Contrast Check

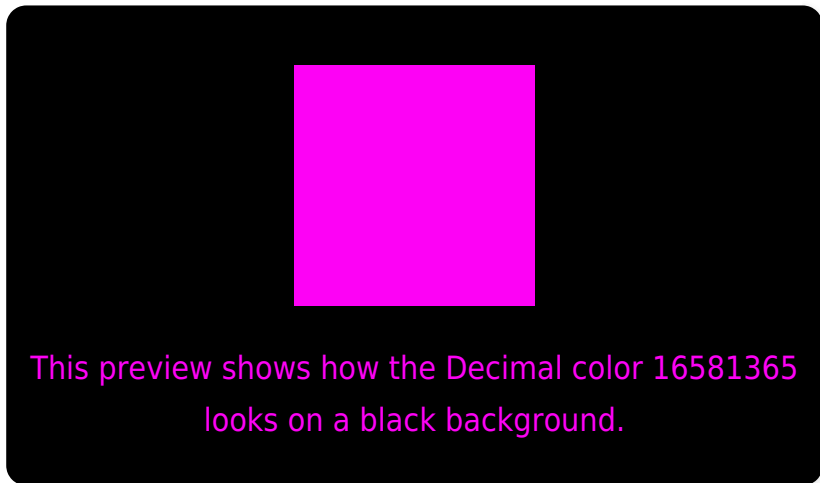
Large Text (above 18pt) WCAG AA ✓ Pass

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 16581365 Background



This preview shows how black text looks on a background with the Decimal color 16581365.



This preview shows how white text looks on a background with the Decimal color 16581365.

# 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**  
16581365

**Protanopia**  
5803519

**Deuteranopia**  
6197478



**Tritanopia**  
15622246

# Trichromacy



**Original Color**  
16581365



**Protanomaly**  
9722619



**Deuteranomaly**  
9985259



**Tritanomaly**  
15941274

# Monochromacy



**Original Color**  
16581365



**Achromatopsia**  
6908265



**Achromatomaly**  
10437788

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16581365 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 #FD02F5 looks like.

```
.text, #text, p{  
    color:#FD02F5  
}
```

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 #FD02F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD02F5
}
```

## Border

The CSS property to change the border of an element to Decimal 16581365 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
#FD02F5 }
```

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

```
.border{ border-color:#FD02F5 }
```

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

Here you see how a box with a 4 pixel #FD02F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD02F5; -webkit-box-shadow:4px 4px  
4px 4px #FD02F5; box-shadow:4px 4px 4px  
4px #FD02F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 16581365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD02F5 }
```

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

```
.background{ background-color:#FD02F5 }
```

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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