

# Converting Colors

Decimal(16385521)

Have a look what the booklet for  
Decimal(16385521) contains.

<b>Decimal(16385521)</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(16385521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA05F1
RGB	250, 5, 241
RGB Percent	98%, 2%, 95%
CMY	0.0196, 0.9804, 0.0549
CMYK	0.00, 0.98, 0.04, 0.02
HSL	302°, 96%, 50%
HSV	302°, 98%, 98%
XYZ	55.3558, 26.7834, 85.4712
YIQ	105.1590, 70.2640, 125.3360

# Conversions

## Conversions Part 2

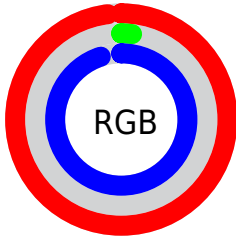
Format	Color
R <sub>Y</sub> B	250, 5, 241
Decimal	16385521
CIE Lab	58.77, 95.25, -55.57
CIE LCh	59, 110.281, 329.739
Yxy	26.7834, 0.3303, 0.1598
Android (android.graphics.Color)	4294575601 (0xFFFA05F1)
YUV	105.1590, 66.9696, 127.0256
Hunter-Lab	51.7527, 100.3603, -61.6925

# Details

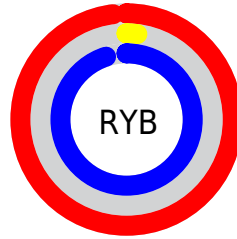
The Decimal color **16385521** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **391694**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16738815**, and **12320952** is the 20% darker color. If you saturate the color by 10%, you get **16384241**, and if you desaturate by 10%, it is **16391922**.

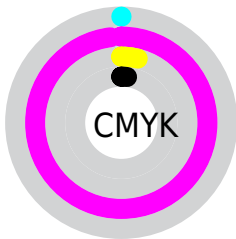
# Distribution



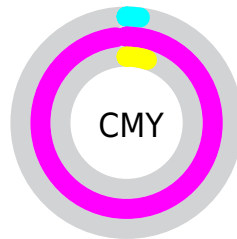
- Red (98%)
- Green (2%)
- Blue (95%)



- Red (98%)
- Yellow (2%)
- Blue (95%)



- Cyan (0%)
- Magenta (98%)
- Yellow (4%)
- Black (2%)



















- Cyan (2%)
- Magenta (98%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16385521 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 16385521 by changing the saturation by 10% instead.



 16385521	 16385521
16777215	 14352596
 16738815	 12320952
 16747007	 10354845
 16755199	 8388738
 16763135	 6488168
 16771071	 4653135
	 2555959
	 32
	 4

 16385521

 16385521

 16384241

 16391922

 16398323

 16404724

 16411125

 16417526

 16423927

 16430327

 16436728

 16443129

# Harmonies

## Analogous

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



6845439



16385521



16711827

# Triad

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



16385521



11373056



46060

# Complementary

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



16385521



391694

# 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.



45706



1638521



4497920

# Square

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



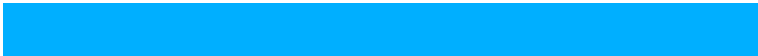
16385521



16079616



44308



45055

# Rectangle

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



16385521



16711764



44308



46029



# Sweetspot

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



16385521



16758268



853498



8409982



0



8421504



# Same Dimension

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



16385521



16711926



16385399



8220796



12386486



3997755



# Inverse Universe

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



16385521



16711926



391816



8220796



12386486



3997755



# Previews

## White Background



This preview shows how the Decimal color 16385521 looks on a white background.

## Color Contrast Check

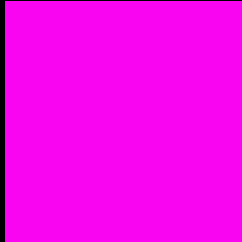
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 16385521 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16385521 Background



This preview shows how black text looks on a background with the Decimal color 16385521.




This preview shows how white text looks on a background with the Decimal color 16385521.

# 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**  
15490917

# Trichromacy



**Original Color**  
16385521



**Protanomaly**  
9460474



**Deuteranomaly**  
9919719



**Tritanomaly**  
15810200

# Monochromacy



**Original Color**  
16385521



**Achromatopsia**  
6908265



**Achromatomaly**  
10372506

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16385521 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 #FA05F1 looks like.

```
.text, #text, p{  
    color:#FA05F1  
}
```

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 #FA05F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA05F1
}
```

## Border

The CSS property to change the border of an element to Decimal 16385521 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
#FA05F1 }
```

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

```
.border{ border-color:#FA05F1 }
```

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

Here you see how a box with a 4 pixel #FA05F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA05F1; -webkit-box-shadow:4px 4px  
4px 4px #FA05F1; box-shadow:4px 4px 4px  
4px #FA05F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 16385521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA05F1 }
```

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

```
.background{ background-color:#FA05F1 }
```

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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