

# Converting Colors

Decimal(16536032)

Have a look what the booklet for  
Decimal(16536032) contains.

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# **Color**

**Decimal(16536032)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC51E0
RGB	252, 81, 224
RGB Percent	99%, 32%, 88%
CMY	0.0118, 0.6824, 0.1216
CMYK	0.00, 0.68, 0.11, 0.01
HSL	310°, 97%, 65%
HSV	310°, 68%, 99%
XYZ	56.5419, 31.9621, 73.7102
YIQ	148.4310, 56.0130, 80.7250

# Conversions

## Conversions Part 2

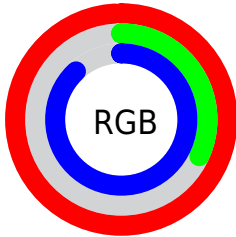
Format	Color
R <sub>Y</sub> B	252, 81, 224
Decimal	16536032
CIE Lab	63.31, 78.65, -38.87
CIE LCh	63, 87.733, 333.703
Yxy	31.9621, 0.3486, 0.1970
Android (android.graphics.Color)	4294726112 (0xFFFC51E0)
YUV	148.4310, 37.2555, 90.8300
Hunter-Lab	56.5351, 79.5851, -37.7276

# Details

The Decimal color **16536032** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **5373037**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16748287**, and **12583080** is the 20% darker color. If you saturate the color by 10%, you get **16529628**, and if you desaturate by 10%, it is **16542436**.

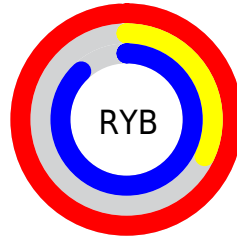
# Distribution



Red (99%)

Green (32%)

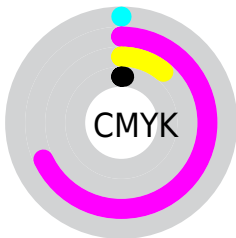
Blue (88%)



Red (99%)

Yellow (32%)

Blue (88%)

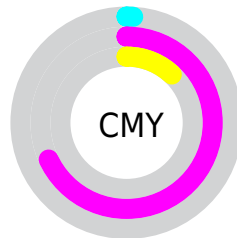


Cyan (0%)

Magenta (68%)

Yellow (11%)

Black (1%)



Cyan (1%)

Magenta (68%)
















Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16536032 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 16536032 by changing the saturation by 10% instead.



 16536032	 16536032
16777215	 14560708
 16748287	 12583080
 16755967	 10616973
 16763647	 8716403
 16771327	 6815834
	 5046338
	 3145771
	 393237
	 0

16536032

16536032

16529628

16542436

16523224

16548840

16516564

16555500

16515283

16561905

16568309

16574713

16580605

16580607

# Harmonies

## Analogous

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



10518527



16536032



16723859

# Triad

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



16536032



11639040



47855

# Complementary

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



16536032



5373037

# 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.



48033



16536032



6204672

# Square

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



16536032



15628800



46671



46079

# Rectangle

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



16536032



16728160



46671



48086



# Sweetspot

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



16536032



16764151



7033340



8413562



0



8421504



# Same Dimension

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



16536032



16724189



16535949



8220795



12386462



3997747



# Inverse Universe

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



16536032



16724189



5373120



8220795



12386462



3997747



# Previews

## White Background



This preview shows how the Decimal color 16536032 looks on a white background.

## Color Contrast Check

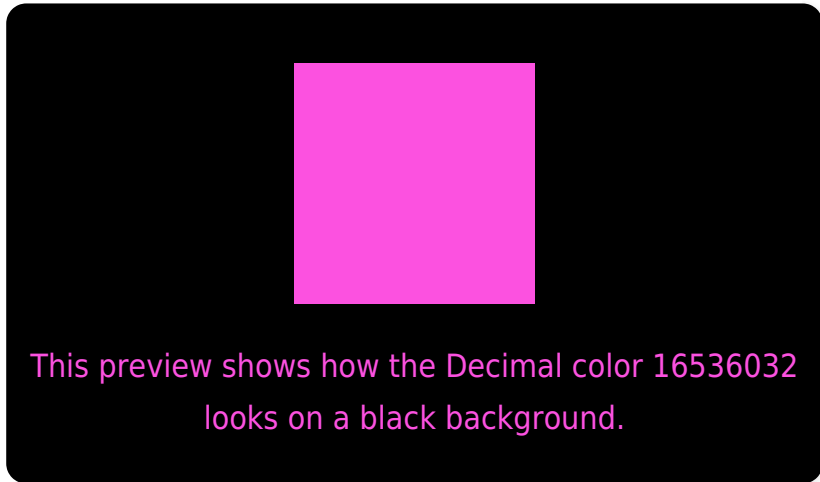
Large Text (above 18pt) WCAG AA × Fail

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

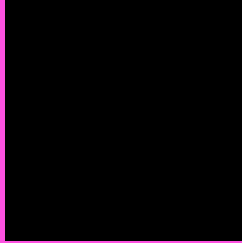
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16536032 Background



This preview shows how black text looks on a background with the Decimal color 16536032.



This preview shows how white text looks on a background with the Decimal color 16536032.

# 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**  
15822968

# Trichromacy



**Original Color**  
16536032



**Protanomaly**  
10583540



**Deuteranomaly**  
11566809



**Tritanomaly**  
16082334

# Monochromacy



**Original Color**  
16536032



**Achromatopsia**  
9737364



**Achromatomaly**  
12221616

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16536032 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 #FC51E0 looks like.

```
.text, #text, p{  
    color:#FC51E0  
}
```

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 #FC51E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC51E0
}
```

## Border

The CSS property to change the border of an element to Decimal 16536032 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
#FC51E0 }
```

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

```
.border{ border-color:#FC51E0 }
```

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

Here you see how a box with a 4 pixel #FC51E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC51E0; -webkit-box-shadow:4px 4px  
4px 4px #FC51E0; box-shadow:4px 4px 4px  
4px #FC51E0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16536032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC51E0 }
```

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

```
.background{ background-color:#FC51E0 }
```

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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