

# Converting Colors

Decimal(16463860)

Have a look what the booklet for  
Decimal(16463860) contains.

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# Color

**Decimal(16463860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB37F4
RGB	251, 55, 244
RGB Percent	98%, 22%, 96%
CMY	0.0157, 0.7843, 0.0431
CMYK	0.00, 0.78, 0.03, 0.02
HSL	302°, 96%, 60%
HSV	302°, 78%, 98%
XYZ	57.4790, 29.7733, 88.3053
YIQ	135.1500, 56.1470, 100.3310

# Conversions

## Conversions Part 2

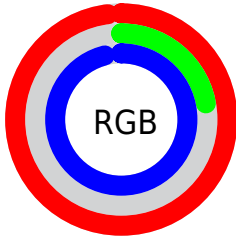
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 55, 244
Decimal	16463860
CIE <sub>Lab</sub>	61.46, 88.95, -52.96
CIE <sub>LCh</sub>	61, 103.527, 329.230
Yxy	29.7733, 0.3274, 0.1696
Android (android.graphics.Color)	4294653940 (0xFFFB37F4)
YUV	135.1500, 53.6631, 101.6005
Hunter-Lab	54.5649, 92.5445, -57.7568

# Details

The Decimal color **16463860** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3668798**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16743679**, and **12452027** is the 20% darker color. If you saturate the color by 10%, you get **16457459**, and if you desaturate by 10%, it is **16470261**.

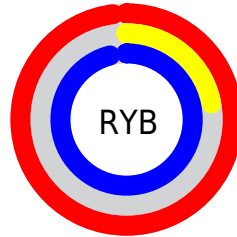
# Distribution



Red (98%)

Green (22%)

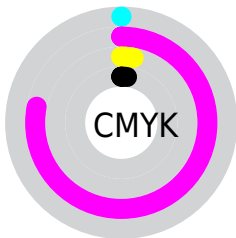
Blue (96%)



Red (98%)

Yellow (22%)

Blue (96%)

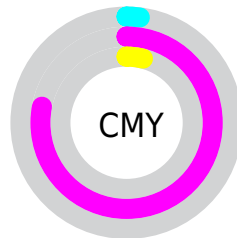


Cyan (0%)

Magenta (78%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (78%)

















Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16463860 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 16463860 by changing the saturation by 10% instead.



 16463860	 16463860
16777215	 14418135
 16743679	 12452027
 16751615	 10485919
 16759295	 8519813
 16767231	 6619243
 16775167	 4849746
	 2818106
	 35
	 9

16463860

16463860

16457459

16470261

16451058

16476662

16449778

16483063

16489464

16496120

16502521

16508922

16515067

16515068

# Harmonies

## Analogous

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



7765503



16463860



16711835

# Triad

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



16463860



11964416



47597

# Complementary

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



16463860



3668798

# 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.



47247



16463860



5810176

# Square

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



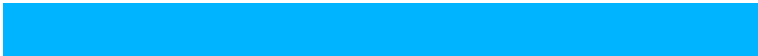
16463860



16475648



45864



46335

# Rectangle

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



16463860



16711775



45864



47823



# Sweetspot

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



16463860



16762109



4077563



8412286



0



8421504



# Same Dimension

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



16463860



16715766



16463762



8220797



12386486



3997755



# Inverse Universe

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



16463860



16715766



3668896



8220797



12386486



3997755



# Previews

## White Background



This preview shows how the Decimal color 16463860 looks on a white background.

## Color Contrast Check

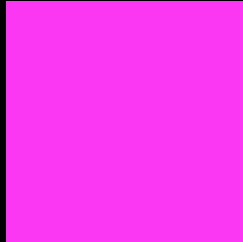
Large Text (above 18pt) WCAG AA ✓ Pass

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 16463860 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 16463860 Background



This preview shows how black text looks on a background with the Decimal color 16463860.




This preview shows how white text looks on a background with the Decimal color 16463860.

# 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**  
15559281

# Trichromacy



**Original Color**  
16463860



**Protanomaly**  
10121467



**Deuteranomaly**  
10384108



**Tritanomaly**  
15882145

# Monochromacy



**Original Color**  
16463860



**Achromatopsia**  
8882055



**Achromatomaly**  
11627183

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16463860 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 #FB37F4 looks like.

```
.text, #text, p{  
    color:#FB37F4  
}
```

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 #FB37F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB37F4
}
```

## Border

The CSS property to change the border of an element to Decimal 16463860 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
#FB37F4 }
```

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

```
.border{ border-color:#FB37F4 }
```

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

Here you see how a box with a 4 pixel #FB37F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB37F4; -webkit-box-shadow:4px 4px  
4px 4px #FB37F4; box-shadow:4px 4px 4px  
4px #FB37F4 }
```

# Background

The CSS property to change the background color of an element to Decimal 16463860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB37F4 }
```

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

```
.background{ background-color:#FB37F4 }
```

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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