

# Converting Colors

Decimal(16396220)

Have a look what the booklet for  
Decimal(16396220) contains.

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# **Color**

**Decimal(16396220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA2FBC
RGB	250, 47, 188
RGB Percent	98%, 18%, 74%
CMY	0.0196, 0.8157, 0.2627
CMYK	0.00, 0.81, 0.25, 0.02
HSL	318°, 95%, 58%
HSV	318°, 81%, 98%
XYZ	49.5180, 25.9879, 49.9832
YIQ	123.7710, 75.7270, 86.8870

# Conversions

## Conversions Part 2

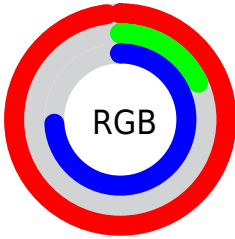
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 47, 188
Decimal	16396220
CIE Lab	58.03, 83.25, -26.65
CIE LCh	58, 87.413, 342.247
Yxy	25.9879, 0.3946, 0.2071
Android (android.graphics.Color)	4294586300 (0xFFFA2FBC)
YUV	123.7710, 31.6649, 110.7028
Hunter-Lab	50.9783, 84.1746, -22.4479

# Details

The Decimal color **16396220** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **3144301**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **16741876**, and **12386438** is the 20% darker color. If you saturate the color by 10%, you get **16389812**, and if you desaturate by 10%, it is **16402628**.

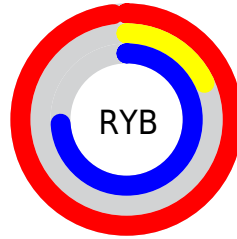
# Distribution



Red (98%)

Green (18%)

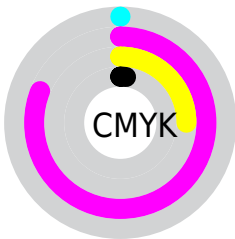
Blue (74%)



Red (98%)

Yellow (18%)

Blue (74%)

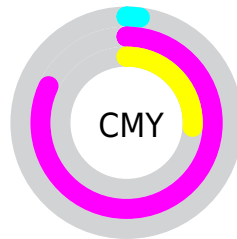


Cyan (0%)

Magenta (81%)

Yellow (25%)

Black (2%)



Cyan (2%)

Magenta (82%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16396220 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 16396220 by changing the saturation by 10% instead.



 16396220

 16396220

16777215

 14352545

 16741876

 12386438

 16749823

 10354797

 16757503

 8454228

 16765183

 6488125

 16773119

 4718631

 2752527

 0

 16396220

 16396220

16389812

16402628

16384174

16409035

16415443

16421851

16428258

16434666

16441073

16447481

16449535

# Harmonies

## Analogous

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



11691518



16396220



16716912

# Triad

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



16396220



9212416



43762

# Complementary

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



16396220



3144301

# 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.



44202



16396220



2466304

# Square

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



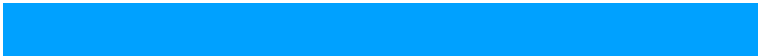
16396220



13465344



43353



41471

# Rectangle

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



16396220



16726847



43353



43996



# Sweetspot

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



16396220



16761580



7090170



8412020



0



8421504



# Same Dimension

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



16396220



16713907



16396120



8220793



12386435



3997739



# Inverse Universe

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



16396220



16713907



3144401



8220793



12386435



3997739



# Previews

## White Background



This preview shows how the Decimal color 16396220 looks on a white background.

## Color Contrast Check

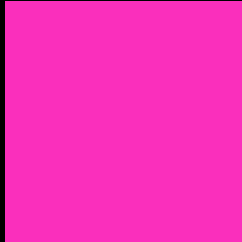
Large Text (above 18pt) WCAG AA ✓ Pass

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 16396220 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 16396220 Background



This preview shows how black text looks on a background with the Decimal color 16396220.




This preview shows how white text looks on a background with the Decimal color 16396220.

# 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**  
15881305

# Trichromacy



**Original Color**  
16396220



**Protanomaly**  
9332967



**Deuteranomaly**  
11561141



**Tritanomaly**  
16074621

# Monochromacy



**Original Color**  
16396220



**Achromatopsia**  
8158332



**Achromatomaly**  
11165843

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16396220 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 #FA2FBC looks like.

```
.text, #text, p{  
    color:#FA2FBC  
}
```

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 #FA2FBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA2FBC
}
```

## Border

The CSS property to change the border of an element to Decimal 16396220 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
#FA2FBC }
```

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

```
.border{ border-color:#FA2FBC }
```

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

Here you see how a box with a 4 pixel #FA2FBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA2FBC; -webkit-box-shadow:4px 4px  
4px 4px #FA2FBC; box-shadow:4px 4px 4px  
4px #FA2FBC }
```

# Background

The CSS property to change the background color of an element to Decimal 16396220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA2FBC }
```

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

```
.background{ background-color:#FA2FBC }
```

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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