

# Converting Colors

Decimal(16150742)

Have a look what the booklet for  
Decimal(16150742) contains.

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# **Color**

**Decimal(16150742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F670D6
RGB	246, 112, 214
RGB Percent	96%, 44%, 84%
CMY	0.0353, 0.5608, 0.1608
CMYK	0.00, 0.54, 0.13, 0.04
HSL	314°, 88%, 70%
HSV	314°, 54%, 96%
XYZ	55.9378, 36.0362, 67.6258
YIQ	163.6940, 47.1220, 60.1300

# Conversions

## Conversions Part 2

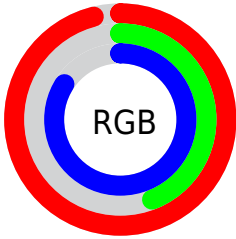
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 112, 214
Decimal	16150742
CIE Lab	66.55, 63.20, -28.32
CIE LCh	67, 69.256, 335.866
Yxy	36.0362, 0.3505, 0.2258
Android (android.graphics.Color)	4294340822 (0xFFFF670D6)
YUV	163.6940, 24.8009, 72.1824
Hunter-Lab	60.0302, 61.2785, -24.7708

# Details

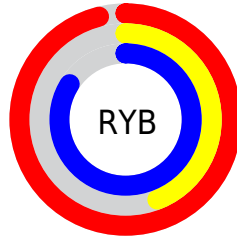
The Decimal color **16150742** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7403152**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16755199**, and **12269215** is the 20% darker color. If you saturate the color by 10%, you get **16144336**, and if you desaturate by 10%, it is **16157148**.

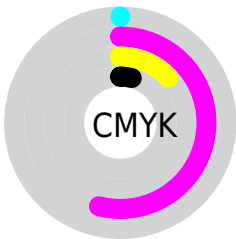
# Distribution



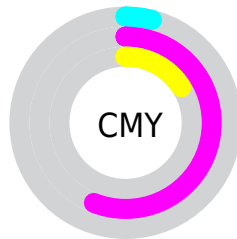
- Red (96%)
- Green (44%)
- Blue (84%)



- Red (96%)
- Yellow (44%)
- Blue (84%)



- Cyan (0%)
- Magenta (54%)
- Yellow (13%)
- Black (4%)

















- Cyan (4%)
- Magenta (56%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16150742 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 16150742 by changing the saturation by 10% instead.



 16150742	 16150742
16777215	 14177466
 16755199	 12269215
 16762367	 10358661
 16770047	 8519787
	 6684755
	 4915259
	 3211301
	 524301
	 0

 16150742

 16150742

 16144336

 16157148

 16138186

 16163298

 16131780

 16169704


 16125631

 16175853

 16122043

 16182259

 16187385

 16187391

# Harmonies

## Analogous

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



11767039



16150742



16737176

# Triad

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



16150742



11903749



48873

# Complementary

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



16150742



7403152

# 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.



49069



16150742



7648050

# Square

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



16150742



15240233



47980



46847

# Rectangle

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



16150742



16738927



47980



49111



# Sweetspot

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



16150742



16766709



9400566



8415098



0



8421504



# Same Dimension

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



16150742



16734679



16150676



8023671



12189838



3866669



# Inverse Universe

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



16150742



16734679



7403218



8023671



12189838

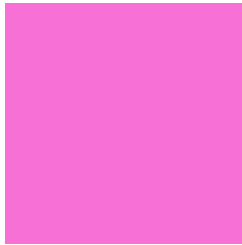


3866669



# Previews

## White Background



This preview shows how the Decimal color 16150742 looks on a white background.

## Color Contrast Check

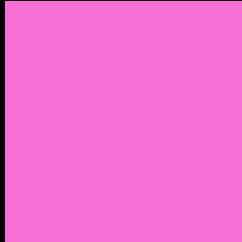
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 16150742 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 ✓ Pass

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



## Decimal 16150742 Background



This preview shows how black text looks on a background with the Decimal color 16150742.

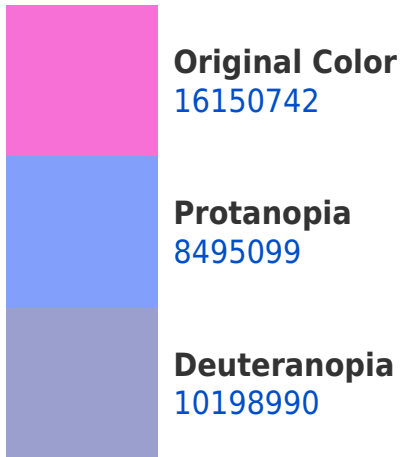



This preview shows how white text looks on a background with the Decimal color 16150742.

# 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**  
15630987

# Trichromacy



**Original Color**  
16150742



**Protanomaly**  
11308782



**Deuteranomaly**  
12357329



**Tritanomaly**  
15825830

# Monochromacy



**Original Color**  
16150742



**Achromatopsia**  
10790052



**Achromatomaly**  
12751286

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16150742 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 #F670D6 looks like.

```
.text, #text, p{  
    color:#F670D6  
}
```

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 #F670D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F670D6
}
```

## Border

The CSS property to change the border of an element to Decimal 16150742 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
#F670D6 }
```

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

```
.border{ border-color:#F670D6 }
```

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

Here you see how a box with a 4 pixel #F670D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F670D6; -webkit-box-shadow:4px 4px  
4px 4px #F670D6; box-shadow:4px 4px 4px  
4px #F670D6 }
```

# Background

The CSS property to change the background color of an element to Decimal 16150742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F670D6 }
```

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

```
.background{ background-color:#F670D6 }
```

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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