

# Converting Colors

Decimal(16556756)

Have a look what the booklet for  
Decimal(16556756) contains.

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# **Color**

**Decimal(16556756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCA2D4
RGB	252, 162, 212
RGB Percent	99%, 64%, 83%
CMY	0.0118, 0.3647, 0.1686
CMYK	0.00, 0.36, 0.16, 0.01
HSL	327°, 94%, 81%
HSV	327°, 36%, 99%
XYZ	64.9489, 51.2896, 68.7641
YIQ	194.6100, 37.5900, 34.6300

# Conversions

## Conversions Part 2

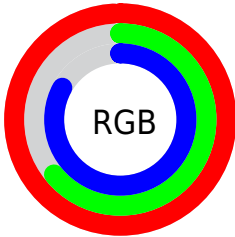
Format	Color
R <sub>Y</sub> B	252, 162, 212
Decimal	16556756
CIE Lab	76.85, 40.17, -11.50
CIE LCh	77, 41.781, 344.025
Yxy	51.2896, 0.3511, 0.2772
Android (android.graphics.Color)	4294746836 (0xFFFC A2D4)
YUV	194.6100, 8.5733, 50.3310
Hunter-Lab	71.6167, 36.5515, -6.7966

# Details

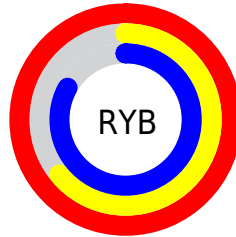
The Decimal color **16556756** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **10681546**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16767743**, and **12742045** is the 20% darker color. If you saturate the color by 10%, you get **16550345**, and if you desaturate by 10%, it is **16563167**.

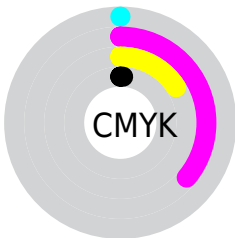
# Distribution



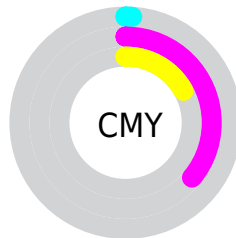
- Red (99%)
- Green (64%)
- Blue (83%)



- Red (99%)
- Yellow (64%)
- Blue (83%)



- Cyan (0%)
- Magenta (36%)
- Yellow (16%)
- Black (1%)



- Cyan (1%)
- Magenta (36%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16556756 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 16556756 by changing the saturation by 10% instead.



 16556756

 16556756

16777215

 14649272

 16767743

 12742045

 16775167

 10900355

 9058922

 7282770

 5570619

 3932197

 2424847

 0

 16556756

 16556756

 16550345

 16563167

 16543934

 16569578

 16537266

 16576246

 16530855

 16580607

 16524444

 16518033

 16515212

# Harmonies

## Analogous

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



14265846



16556756



16752813

# Triad

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



16556756



12960113



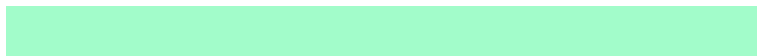
577522

# Complementary

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



16556756



10681546

# 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.



2806479



16556756



10144645

# Square

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



16556756



15316084



6869415



6277375

# Rectangle

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



16556756



16753812



6869415



53736



# Sweetspot

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



16556756



16770035



13214460



8417144



0



8421504



# Same Dimension

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



16556756



16749006



16556712



8220791



12386409



3997730



# Inverse Universe

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



16556756



16749006



10681590



8220791



12386409

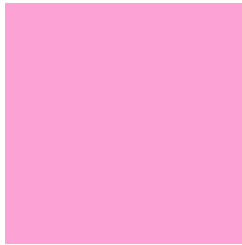


3997730



# Previews

## White Background



This preview shows how the Decimal color 16556756 looks on a white background.

## Color Contrast Check

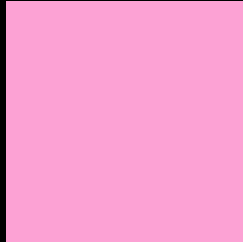
Large Text (above 18pt) WCAG AA × Fail

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 16556756 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 16556756 Background



This preview shows how black text looks on a background with the Decimal color 16556756.

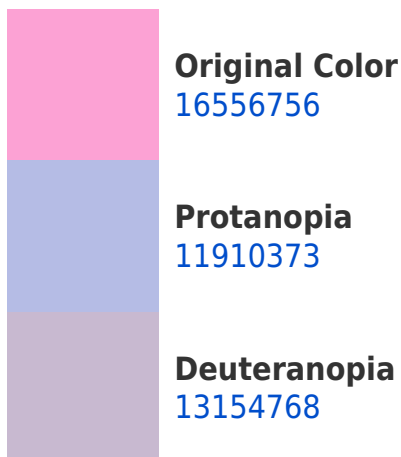



This preview shows how white text looks on a background with the Decimal color 16556756.

# 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**  
16296117

# Trichromacy



**Original Color**  
16556756



**Protanomaly**  
13611999



**Deuteranomaly**  
14397905

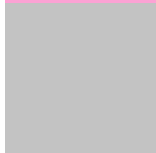


**Tritanomaly**  
16361152

# Monochromacy



**Original Color**  
16556756



**Achromatopsia**  
12829635



**Achromatomaly**  
14202825

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16556756 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 #FCA2D4 looks like.

```
.text, #text, p{  
    color:#FCA2D4  
}
```

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 #FCA2D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCA2D4
}
```

## Border

The CSS property to change the border of an element to Decimal 16556756 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
#FCA2D4 }
```

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

```
.border{ border-color:#FCA2D4 }
```

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

Here you see how a box with a 4 pixel #FCA2D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCA2D4; -webkit-box-shadow:4px 4px  
4px 4px #FCA2D4; box-shadow:4px 4px 4px  
4px #FCA2D4 }
```

# Background

The CSS property to change the background color of an element to Decimal 16556756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCA2D4 }
```

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

```
.background{ background-color:#FCA2D4 }
```

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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