

# Converting Colors

Decimal(16036306)

Have a look what the booklet for  
Decimal(16036306) contains.

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# **Color**

**Decimal(16036306)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4B1D2
RGB	244, 177, 210
RGB Percent	96%, 69%, 82%
CMY	0.0431, 0.3059, 0.1765
CMYK	0.00, 0.27, 0.14, 0.04
HSL	330°, 75%, 83%
HSV	330°, 27%, 96%
XYZ	64.6632, 55.3305, 68.2445
YIQ	200.7950, 29.3390, 24.4670

# Conversions

## Conversions Part 2

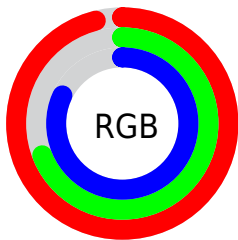
Format	Color
<a href="#">RYB</a>	<a href="#">244, 177, 210</a>
Decimal	<a href="#">16036306</a>
CIELab	<a href="#">79.23, 29.27, -6.97</a>
CIELCh	<a href="#">79, 30.092, 346.613</a>
Yxy	<a href="#">55.3305, 0.3435, 0.2939</a>
Android (android.graphics.Color)	<a href="#">4294226386 (0xFFFF4B1D2)</a>
YUV	<a href="#">200.7950, 4.5381, 37.8908</a>
Hunter-Lab	<a href="#">74.3845, 24.9991, -2.3268</a>

# Details

The Decimal color **16036306** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **11662547**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16771583**, and **12287132** is the 20% darker color. If you saturate the color by 10%, you get **16030150**, and if you desaturate by 10%, it is **16042462**.

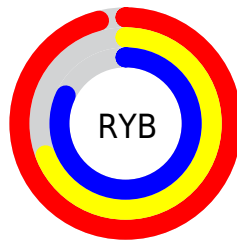
# Distribution



Red (96%)

Green (69%)

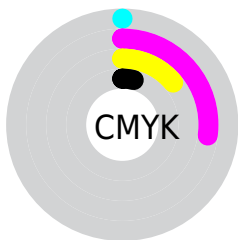
Blue (82%)



Red (96%)

Yellow (69%)

Blue (82%)

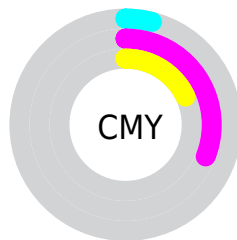


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (4%)



Cyan (4%)

Magenta (31%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16036306 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 16036306 by changing the saturation by 10% instead.



 16036306

 16036306

16777215

 14128822

 16771583

 12287132

 10445442

 8669800

 6959696

 5315129

 3736100

 2424846

 0

 16036306

 16036306

 16030150

 16042462

 16023737

 16048875

 16017581

 16055031

 16011168

 16056319

 16005012

 15998856

 15992443

 15990904

# Harmonies

## Analogous

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



14465259



16036306



16625845

# Triad

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



16036306



13158286



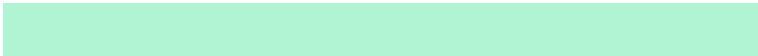
7590380

# Complementary

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



16036306



11662547

# 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.



7525587



16036306



11128733

# Square

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



16036306



14990990



9032630



9489402

# Rectangle

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



16036306



16495524



9032630



7328485



# Sweetspot

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



16036306



16772085



13873652



8418169



0



8421504



# Same Dimension

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



16036306



16755668



16036273



8023668



12189788



3866653



# Inverse Universe

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



16036306



16755668



11662580



8023668



12189788

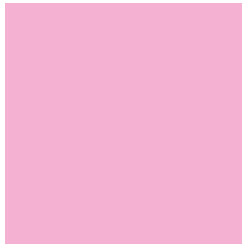


3866653



# Previews

## White Background



This preview shows how the Decimal color 16036306 looks on a white background.

## Color Contrast Check

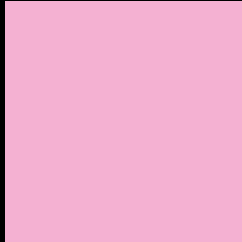
Large Text (above 18pt) WCAG AA × Fail

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 16036306 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 16036306 Background



This preview shows how black text looks on a background with the Decimal color 16036306.



This preview shows how white text looks on a background with the Decimal color 16036306.

# 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**  
15905986

# Trichromacy



**Original Color**  
16036306



**Protanomaly**  
13941977



**Deuteranomaly**  
14662352

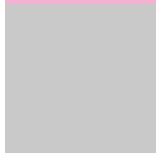


**Tritanomaly**  
15971272

# Monochromacy



**Original Color**  
16036306



**Achromatopsia**  
13224393



**Achromatomaly**  
14270668

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16036306 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 #F4B1D2 looks like.

```
.text, #text, p{  
    color:#F4B1D2  
}
```

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 #F4B1D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4B1D2
}
```

## Border

The CSS property to change the border of an element to Decimal 16036306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

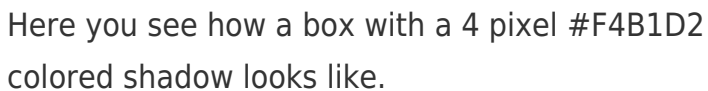
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F4B1D2 }
```

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

```
.border{ border-color:#F4B1D2 }
```

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



Here you see how a box with a 4 pixel #F4B1D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4B1D2; -webkit-box-shadow:4px 4px  
4px 4px #F4B1D2; box-shadow:4px 4px 4px  
4px #F4B1D2 }
```

# Background

The CSS property to change the background color of an element to Decimal 16036306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4B1D2 }
```

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

```
.background{ background-color:#F4B1D2 }
```

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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