

# Converting Colors

Decimal(16288673)

Have a look what the booklet for  
Decimal(16288673) contains.

<b>Decimal(16288673)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16288673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F88BA1
RGB	248, 139, 161
RGB Percent	97%, 55%, 63%
CMY	0.0275, 0.4549, 0.3686
CMYK	0.00, 0.44, 0.35, 0.03
HSL	348°, 89%, 76%
HSV	348°, 44%, 97%
XYZ	54.3770, 40.9949, 38.7650
YIQ	174.0990, 57.9020, 29.9500

# Conversions

## Conversions Part 2

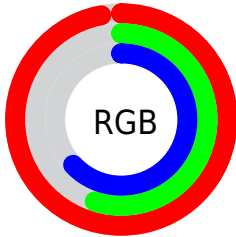
Format	Color
R <sub>Y</sub> B	248, 139, 161
Decimal	16288673
CIE Lab	70.17, 43.64, 6.82
CIE LCh	70, 44.175, 8.885
Yxy	40.9949, 0.4054, 0.3056
Android (android.graphics.Color)	4294478753 (0xFFFF88BA1)
YUV	174.0990, -6.4578, 64.8112
Hunter-Lab	64.0273, 39.5487, 8.9222

# Details

The Decimal color **16288673** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9173218**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16761560**, and **12408430** is the 20% darker color. If you saturate the color by 10%, you get **16282253**, and if you desaturate by 10%, it is **16295093**.

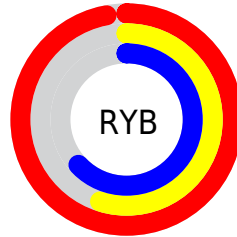
# Distribution



Red (97%)

Green (55%)

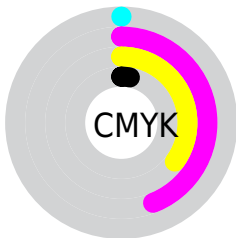
Blue (63%)



Red (97%)

Yellow (55%)

Blue (63%)

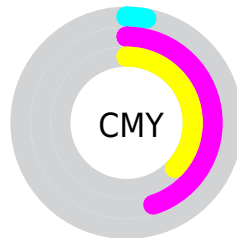


Cyan (0%)

Magenta (44%)

Yellow (35%)

Black (3%)



Cyan (3%)

Magenta (45%)
















Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16288673 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 16288673 by changing the saturation by 10% instead.



 16288673	 16288673
 16777215	 14315655
 16761560	 12408430
 16769012	 10501205
 16776447	 8659262
	 6815785
	 4980756
	 3473410
	 196608
	 0

 16288673

 16288673

 16282253

 16295093

 16275833

 16301513

 16269670

 16307676

 16263250

 16314096

 16256830

 16318463

 16252978

# Harmonies

## Analogous

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



15175625



16288673



15962747

# Triad

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



16288673



9353323



2013430

# Complementary

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



16288673



9173218

# 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.



48861



16288673



5815949

# Square

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



16288673



12168538



49591



8563963

# Rectangle

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



16288673



15112808



49591



47855



# Sweetspot

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



16288673



16768741



14715896



8416111



0



8421504



# Same Dimension

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



16288673



16742547



16296587



8220787



12386342



3997708



# Inverse Universe

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



16288673



16742547



9165304



8220787



12386342



3997708



# Previews

## White Background



This preview shows how the Decimal color 16288673 looks on a white background.

## Color Contrast Check

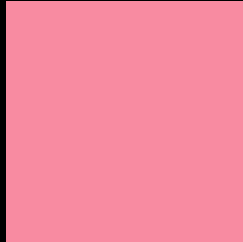
Large Text (above 18pt) WCAG AA × Fail

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 16288673 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 16288673 Background



This preview shows how black text looks on a background with the Decimal color 16288673.




This preview shows how white text looks on a background with the Decimal color 16288673.

# 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**  
16223639

# Trichromacy



**Original Color**  
16288673



**Protanomaly**  
13148076



**Deuteranomaly**  
14064798



**Tritanomaly**  
16223387

# Monochromacy



**Original Color**  
16288673



**Achromatopsia**  
11447982



**Achromatomaly**  
13214121

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16288673 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 #F88BA1 looks like.

```
.text, #text, p{  
  color:#F88BA1  
}
```

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 #F88BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F88BA1
}
```

## Border

The CSS property to change the border of an element to Decimal 16288673 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
#F88BA1 }
```

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

```
.border{ border-color:#F88BA1 }
```

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

Here you see how a box with a 4 pixel #F88BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F88BA1; -webkit-box-shadow:4px 4px  
4px 4px #F88BA1; box-shadow:4px 4px 4px  
4px #F88BA1 }
```

# Background

The CSS property to change the background color of an element to Decimal 16288673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F88BA1 }
```

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

```
.background{ background-color:#F88BA1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor