

# Converting Colors

Decimal(16689076)

Have a look what the booklet for  
Decimal(16689076) contains.

<b>Decimal(16689076)</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(16689076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEA7B4
RGB	254, 167, 180
RGB Percent	100%, 65%, 71%
CMY	0.0039, 0.3451, 0.2941
CMYK	0.00, 0.34, 0.29, 0.00
HSL	351°, 98%, 83%
HSV	351°, 34%, 100%
XYZ	62.9300, 52.0036, 49.9009
YIQ	194.4950, 47.6790, 22.4870

# Conversions

## Conversions Part 2

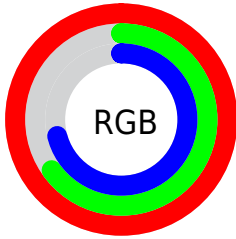
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 167, 180
Decimal	16689076
CIE <sub>Lab</sub>	77.28, 33.71, 6.63
CIE <sub>LCh</sub>	77, 34.354, 11.135
Yxy	52.0036, 0.3818, 0.3155
Android (android.graphics.Color)	4294879156 (0xFFFEA7B4)
YUV	194.4950, -7.1460, 52.1859
Hunter-Lab	72.1135, 29.5698, 9.4521

# Details

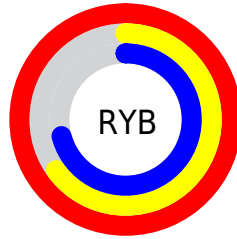
The Decimal color **16689076** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **11009777**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16769004**, and **12808831** is the 20% darker color. If you saturate the color by 10%, you get **16682654**, and if you desaturate by 10%, it is **16695498**.

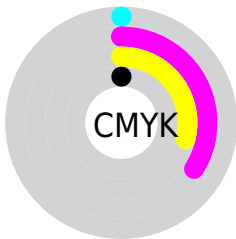
# Distribution



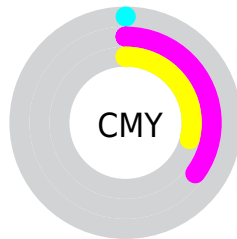
- Red (100%)
- Green (65%)
- Blue (71%)



- Red (100%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (0%)



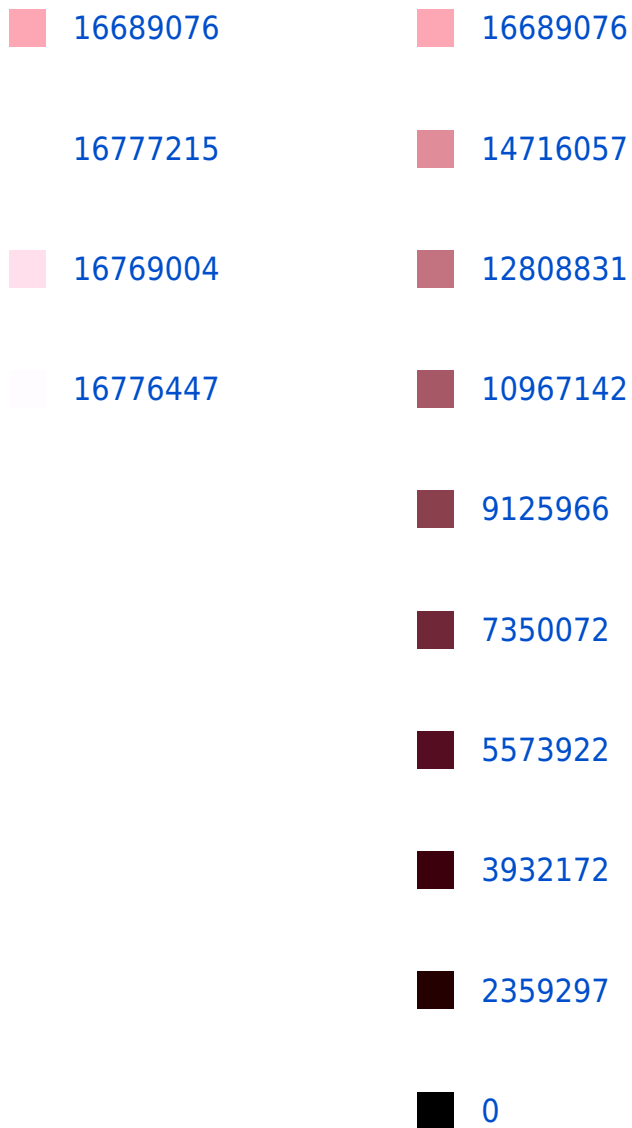
- Cyan (0%)
- Magenta (35%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16689076 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 16689076 by changing the saturation by 10% instead.





 16689076

 16689076

 16682654

 16695498

 16675977

 16702175

 16669555

 16708597

 16662878

16711679

 16656456

 16650034

 16646182

# Harmonies

## Analogous

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



15837908



16689076



16428182

# Triad

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



16689076



10930574



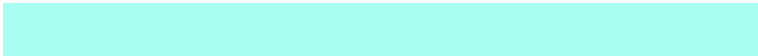
7784698

# Complementary

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



16689076



11009777

# 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.



5689064



16689076



8441769

# Square

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



16689076



13222272



6279370



10927869

# Rectangle

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



16689076



15643272



6279370



6933238



# Sweetspot

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



16689076



16770793



15837182



8417394



0



8421504



# Same Dimension

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



16689076



16750246



16696743



8418165



12517405



4194314



# Inverse Universe

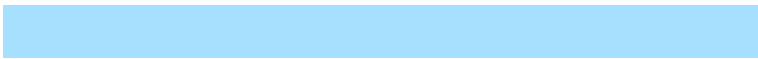
The Inverse Universe completely reimagines the original color for something new.



16689076



16750246



11002110



8418165



12517405

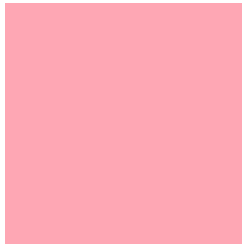


4194314



# Previews

## White Background



This preview shows how the Decimal color 16689076 looks on a white background.

## Color Contrast Check

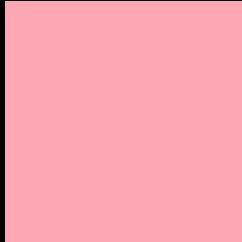
Large Text (above 18pt) WCAG AA × Fail

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 16689076 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 16689076 Background



This preview shows how black text looks on a background with the Decimal color 16689076.



This preview shows how white text looks on a background with the Decimal color 16689076.

# 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**  
16689076

# Trichromacy



**Original Color**  
16689076



**Protanomaly**  
14202556



**Deuteranomaly**  
15053490



**Tritanomaly**  
16689076

# Monochromacy



**Original Color**  
16689076



**Achromatopsia**  
12763842



**Achromatomaly**  
14203069

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16689076 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 #FEA7B4 looks like.

```
.text, #text, p{  
  color:#FEA7B4  
}
```

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 #FEA7B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEA7B4  
}
```

## Border

The CSS property to change the border of an element to Decimal 16689076 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  
#FEA7B4 }
```

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

```
.border{ border-color:#FEA7B4 }
```

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

Here you see how a box with a 4 pixel #FEA7B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEA7B4; -webkit-box-shadow:4px 4px  
4px 4px #FEA7B4; box-shadow:4px 4px 4px  
4px #FEA7B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 16689076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEA7B4 }
```

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

```
.background{ background-color:#FEA7B4 }
```

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