

# Converting Colors

Decimal(16764318)

Have a look what the booklet for  
Decimal(16764318) contains.

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# **Color**

**Decimal(16764318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCD9E
RGB	255, 205, 158
RGB Percent	100%, 80%, 62%
CMY	0.0000, 0.1961, 0.3804
CMYK	0.00, 0.20, 0.38, 0.00
HSL	29°, 100%, 81%
HSV	29°, 38%, 100%
XYZ	69.2429, 67.3913, 41.7061
YIQ	214.5920, 44.8870, -4.0170

# Conversions

## Conversions Part 2

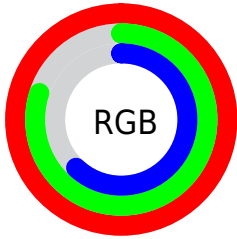
Format	Color
R <sub>Y</sub> B	255, 249, 158
Decimal	16764318
CIE Lab	85.70, 11.53, 30.10
CIE LCh	86, 32.233, 69.035
Yxy	67.3913, 0.3883, 0.3779
Android (android.graphics.Color)	4294954398 (0xFFFFCD9E)
YUV	214.5920, -27.8999, 35.4378
Hunter-Lab	82.0922, 6.8993, 27.3429

# Details

The Decimal color **16764318** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10408191**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777173**, and **12949354** is the 20% darker color. If you saturate the color by 10%, you get **16760964**, and if you desaturate by 10%, it is **16767672**.

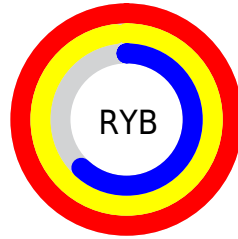
# Distribution



Red (100%)

Green (80%)

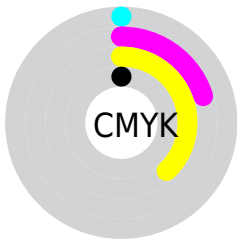
Blue (62%)



Red (100%)

Yellow (98%)

Blue (62%)

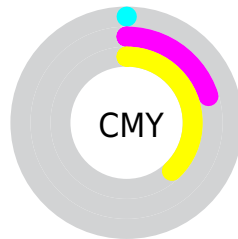


Cyan (0%)

Magenta (20%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16764318 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 16764318 by changing the saturation by 10% instead.



 16764318

 16764318

16777215

 14856836

 16777173

 12949354

 16777201

 11042130

 9266234

 7490595

 5715213

 4071424

 2427648

 0

 16764318

 16764318

 16760964

 16767672

 16757611

 16771025

 16754258

 16774379

 16750648

16777215

 16747295

 16743941

 16743424

# Harmonies

## Analogous

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



16762033



16764318



14931866

# Triad

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



16764318



8513503



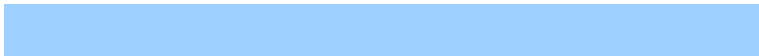
15191039

# Complementary

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



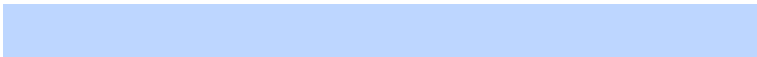
16764318



10408191

# 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.



12441343



16764318



8054268

# Square

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



16764318



10413759



9691135



16761837

# Rectangle

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



16764318



13491616



9691135



14340095



# Sweetspot

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



16764318



16773603



16752336



8419183



0



8421504



# Same Dimension

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



16764318



16761738



16776606



8419699



12541184

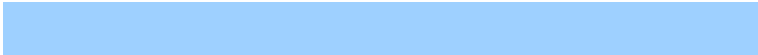


4202240

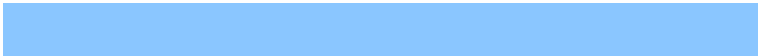


# Inverse Universe

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



10408191



9094911



10395903



7567744



25535



8512



# Previews

## White Background



This preview shows how the Decimal color 16764318 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 16764318 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 16764318 Background



This preview shows how black text looks on a background with the Decimal color 16764318.



This preview shows how white text looks on a background with the Decimal color 16764318.

# 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**  
16763093

# Trichromacy



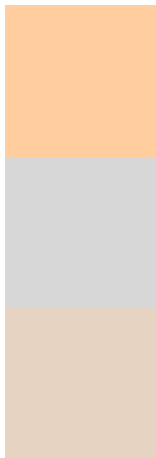
**Original Color**  
16764318

**Protanomaly**  
15717281

**Deuteranomaly**  
16699038

**Tritanomaly**  
16763585

# Monochromacy



**Original Color**  
16764318

**Achromatopsia**  
14145495

**Achromatomaly**  
15127490

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16764318 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 #FFCD9E looks like.

```
.text, #text, p{  
  color:#FFCD9E  
}
```

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 #FFCD9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCD9E
}
```

## Border

The CSS property to change the border of an element to Decimal 16764318 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
#FFCD9E }
```

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

```
.border{ border-color:#FFCD9E }
```

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

Here you see how a box with a 4 pixel #FFCD9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCD9E; -webkit-box-shadow:4px 4px  
4px 4px #FFCD9E; box-shadow:4px 4px 4px  
4px #FFCD9E }
```

# Background

The CSS property to change the background color of an element to Decimal 16764318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCD9E }
```

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

```
.background{ background-color:#FFCD9E }
```

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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