

# Converting Colors

Decimal(16761728)

Have a look what the booklet for  
Decimal(16761728) contains.

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# **Color**

**Decimal(16761728)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFC380
RGB	255, 195, 128
RGB Percent	100%, 76%, 50%
CMY	0.0000, 0.2353, 0.4980
CMYK	0.00, 0.24, 0.50, 0.00
HSL	32°, 100%, 75%
HSV	32°, 50%, 100%
XYZ	64.6514, 61.8487, 28.9526
YIQ	205.3020, 57.2670, -8.1170

# Conversions

## Conversions Part 2

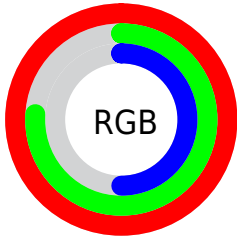
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 255, 128
Decimal	16761728
CIE <sub>Lab</sub>	82.83, 13.72, 41.79
CIE <sub>LCh</sub>	83, 43.988, 71.822
Yxy	61.8487, 0.4159, 0.3979
Android (android.graphics.Color)	4294951808 (0xFFFFC380)
YUV	205.3020, -38.1099, 43.5851
Hunter-Lab	78.6440, 9.1138, 33.2233

# Details

The Decimal color **16761728** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8436991**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **16776374**, and **12881229** is the 20% darker color. If you saturate the color by 10%, you get **16758631**, and if you desaturate by 10%, it is **16764826**.

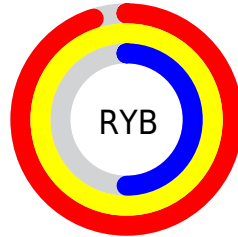
# Distribution



Red (100%)

Green (76%)

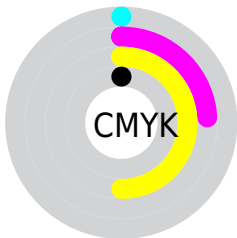
Blue (50%)



Red (95%)

Yellow (100%)

Blue (50%)

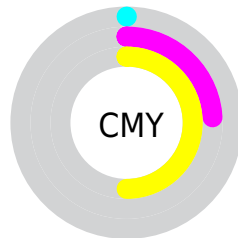


Cyan (0%)

Magenta (24%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (24%)
















Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16761728 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 16761728 by changing the saturation by 10% instead.



 16761728	 16761728
 16777215	 14788710
 16776374	 12881229
 16777170	 10974261
 16777198	 9067293
	 7291906
	 5516544
	 3741952
	 2228224
	 0

 16761728

 16761728

 16758631

 16764826

 16755533

 16767923

 16752435

 16771021

 16749338

 16774118

 16746240

16777215

# Harmonies

## Analogous

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



16758169



16761728



14274940

# Triad

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



16761728



3794142



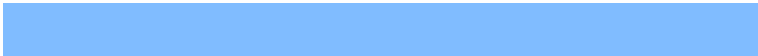
15253247

# Complementary

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



16761728



8436991

# 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.



11390463



16761728



1303295

# Square

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



16761728



7856819



6609663



16757225

# Rectangle

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



16761728



12376454



6609663



14074879

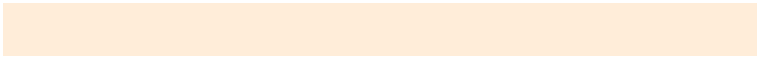


# Sweetspot

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



16761728



16772569



16744637



8418665



0



8421504



# Same Dimension

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



16761728



16758630



16646016



8419699



12543232

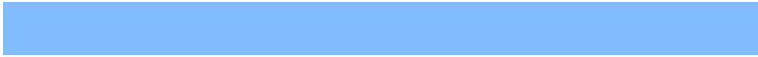


4203008

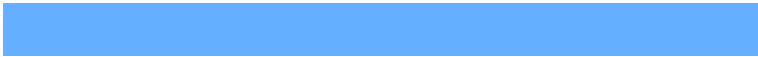


# Inverse Universe

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



8436991



6729471



8552703



7567744



23231



7744



# Previews

## White Background



This preview shows how the Decimal color 16761728 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 16761728 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 16761728 Background



This preview shows how black text looks on a background with the Decimal color 16761728.

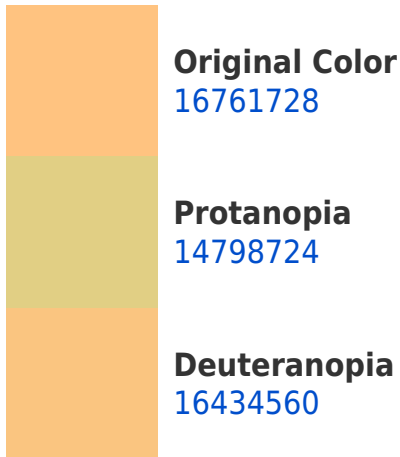


This preview shows how white text looks on a background with the Decimal color 16761728.

# 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**  
16760265

# Trichromacy



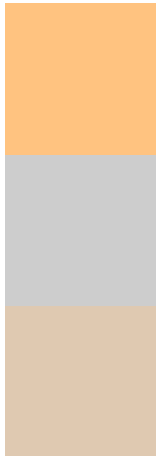
**Original Color**  
16761728

**Protanomaly**  
15518595

**Deuteranomaly**  
16565376

**Tritanomaly**  
16760750

# Monochromacy



**Original Color**  
16761728

**Achromatopsia**  
13487565

**Achromatomaly**  
14666161

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16761728 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 #FFC380 looks like.

```
.text, #text, p{  
    color:#FFC380  
}
```

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 #FFC380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC380
}
```

## Border

The CSS property to change the border of an element to Decimal 16761728 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
#FFC380 }
```

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

```
.border{ border-color:#FFC380 }
```

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

Here you see how a box with a 4 pixel #FFC380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC380; -webkit-box-shadow:4px 4px  
4px 4px #FFC380; box-shadow:4px 4px 4px  
4px #FFC380 }
```

# Background

The CSS property to change the background color of an element to Decimal 16761728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC380 }
```

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

```
.background{ background-color:#FFC380 }
```

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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