

# Converting Colors

Decimal(16761753)

Have a look what the booklet for  
Decimal(16761753) contains.

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# **Color**

**Decimal(16761753)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">FFC399</a>
RGB	<a href="#">255, 195, 153</a>
RGB Percent	<a href="#">100%, 76%, 60%</a>
CMY	<a href="#">0.0000, 0.2353, 0.4000</a>
CMYK	<a href="#">0.00, 0.24, 0.40, 0.00</a>
HSL	<a href="#">25°, 100%, 80%</a>
HSV	<a href="#">25°, 40%, 100%</a>
XYZ	<a href="#">66.5049, 62.5901, 38.7129</a>
YIQ	<a href="#">208.1520, 49.2420, -0.3420</a>

# Conversions

## Conversions Part 2

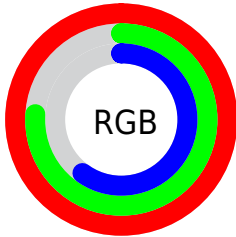
Format	Color
R <sub>Y</sub> B	255, 224, 153
Decimal	16761753
CIE Lab	83.23, 16.19, 29.39
CIE LCh	83, 33.557, 61.153
Yxy	62.5901, 0.3963, 0.3730
Android (android.graphics.Color)	4294951833 (0xFFFFC399)
YUV	208.1520, -27.1899, 41.0857
Hunter-Lab	79.1139, 11.6016, 26.3673

# Details

The Decimal color **16761753** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10081791**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16776400**, and **12881254** is the 20% darker color. If you saturate the color by 10%, you get **16757888**, and if you desaturate by 10%, it is **16765619**.

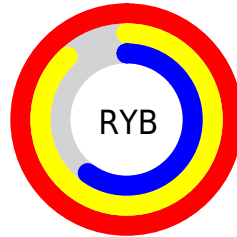
# Distribution



Red (100%)

Green (76%)

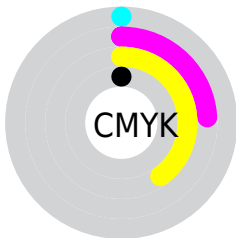
Blue (60%)



Red (100%)

Yellow (88%)

Blue (60%)

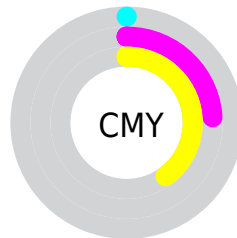


Cyan (0%)

Magenta (24%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (24%)















Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16761753 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 16761753 by changing the saturation by 10% instead.



 16761753	 16761753
 16777215	 14788735
 16776400	 12881254
 16777196	 11039821
	 9198390
	 7422751
	 5647625
	 4003584
	 2424832
	 0

16761753

16761753

16757888

16765619

16754022

16769484

16750157

16773350

16746291

16777215

16742425

16738560

# Harmonies

## Analogous

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



16759728



16761753



15060624

# Triad

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



16761753



8184271



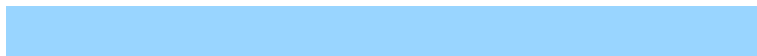
14010367

# Complementary

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



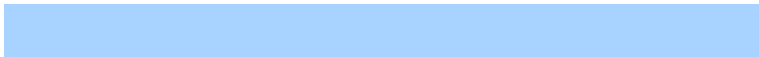
16761753



10081791

# 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.



11064063



16761753



7135471

# Square

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



16761753



10411696



8313855



16367086

# Rectangle

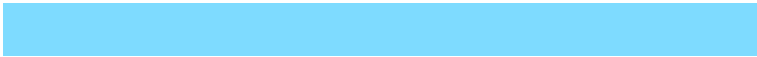
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16761753



13620372



8313855



13093887

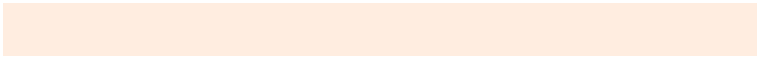


# Sweetspot

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



16761753



16772576



16751062



8418670



0



8421504



# Same Dimension

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



16761753



16758661



16774553



8419443



12537600

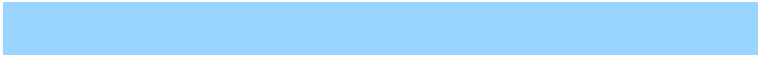


4200960

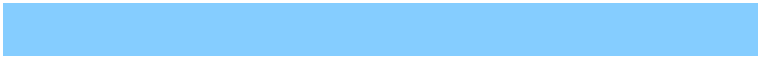


# Inverse Universe

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



10081791



8769023



10068991



7568000



29119



9792



# Previews

## White Background



This preview shows how the Decimal color 16761753 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 16761753 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

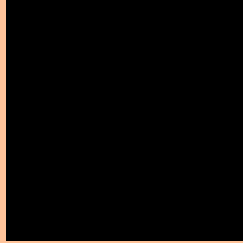
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16761753 Background



This preview shows how black text looks on a background with the Decimal color 16761753.

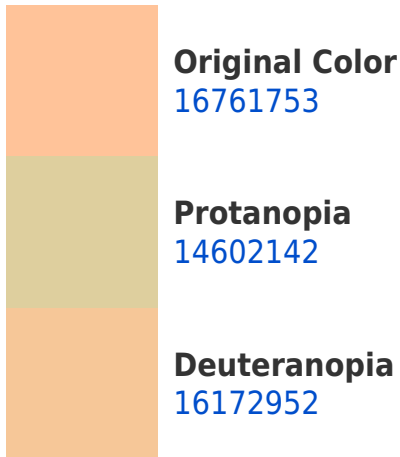


This preview shows how white text looks on a background with the Decimal color 16761753.

# 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**  
16760523

# Trichromacy



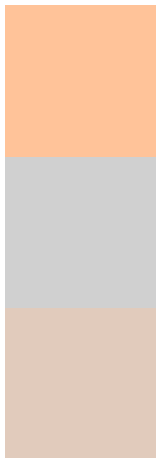
**Original Color**  
16761753

**Protanomaly**  
15387548

**Deuteranomaly**  
16369304

**Tritanomaly**  
16761017

# Monochromacy



**Original Color**  
16761753

**Achromatopsia**  
13684944

**Achromatomaly**  
14797756

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16761753 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 #FFC399 looks like.

```
.text, #text, p{  
    color:#FFC399  
}
```

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 #FFC399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC399
}
```

## Border

The CSS property to change the border of an element to Decimal 16761753 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
#FFC399 }
```

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

```
.border{ border-color:#FFC399 }
```

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

Here you see how a box with a 4 pixel #FFC399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC399; -webkit-box-shadow:4px 4px  
4px 4px #FFC399; box-shadow:4px 4px 4px  
4px #FFC399 }
```

# Background

The CSS property to change the background color of an element to Decimal 16761753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC399 }
```

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

```
.background{ background-color:#FFC399 }
```

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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