

Converting Colors

Decimal(16761763)

Have a look what the booklet for
Decimal(16761763) contains.

Decimal(16761763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16761763)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3A3
RGB	255, 195, 163
RGB Percent	100%, 76%, 64%
CMY	0.0000, 0.2353, 0.3608
CMYK	0.00, 0.24, 0.36, 0.00
HSL	21°, 100%, 82%
HSV	21°, 36%, 100%
XYZ	67.3660, 62.9346, 43.2473
YIQ	209.2920, 46.0320, 2.7680

Conversions

Conversions Part 2

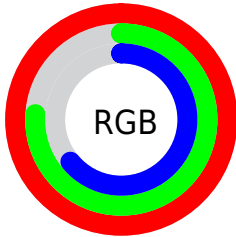
Format	Color
R_{YB}	255, 212, 163
Decimal	16761763
CIE Lab	83.41, 17.31, 24.38
CIE LCh	83, 29.901, 54.615
Yxy	62.9346, 0.3882, 0.3626
Android (android.graphics.Color)	4294951843 (0xFFFFC3A3)
YUV	209.2920, -22.8220, 40.0859
Hunter-Lab	79.3313, 12.7475, 23.2101

Details

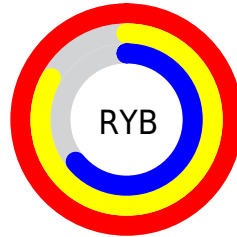
The Decimal color **16761763** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10739711**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16776410**, and **12946799** is the 20% darker color. If you saturate the color by 10%, you get **16757385**, and if you desaturate by 10%, it is **16766140**.

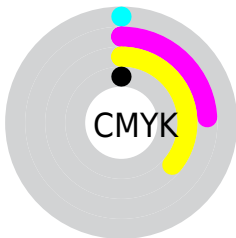
Distribution



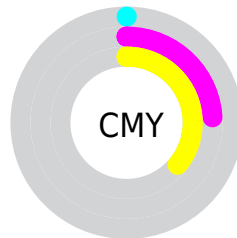
- Red (100%)
- Green (76%)
- Blue (64%)



- Red (100%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16761763 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 16761763 by changing the saturation by 10% instead.

 16761763

 16761763

16777215

 14854281

 16776410

 12946799

 16777207

 11039831

 9263935

 7488297

 5712915

 4069120

 2490368

 0

16761763

16761763

16757385

16766140

16753264

16770262

16748886

16774639

16744509

16777215

16740387

16736010

16734464

Harmonies

Analogous

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



16760250



16761763



15322264

Triad

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



16761763



9363402



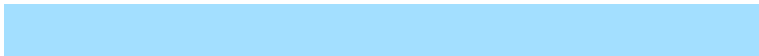
13486847

Complementary

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



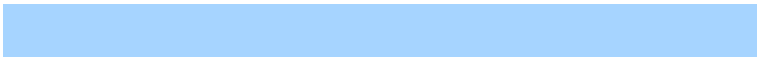
16761763



10739711

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.



10933503



16761763



8183782

Square

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



16761763



11328686



8772605



15712753

Rectangle

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



16761763



14078617



8772605



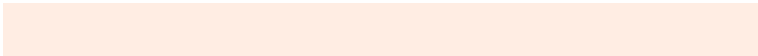
12635903

Sweetspot

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



16761763



16772579



16753632



8418671



0



8421504

Same Dimension

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



16761763



16758673



16773283



8419187



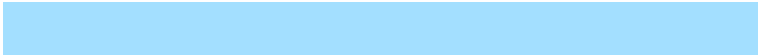
12534528



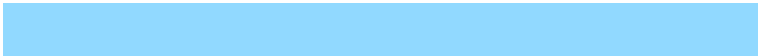
4199936

Inverse Universe

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



10739711



9558527



10728191



7568256



32191



10816

Previews

White Background



This preview shows how the Decimal color 16761763 looks on a white background.

Color Contrast Check

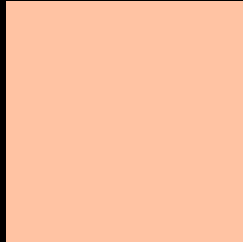
Large Text (above 18pt) WCAG AA × Fail

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 16761763 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 16761763 Background



This preview shows how black text looks on a background with the Decimal color 16761763.

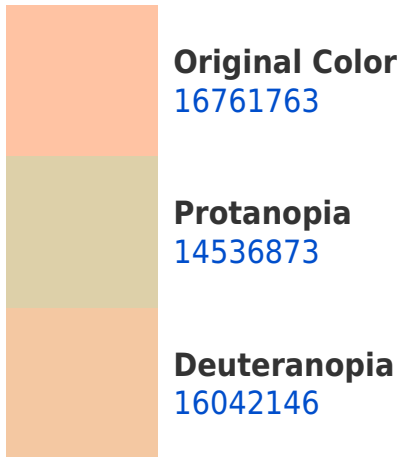


This preview shows how white text looks on a background with the Decimal color 16761763.

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
16760780

Trichromacy



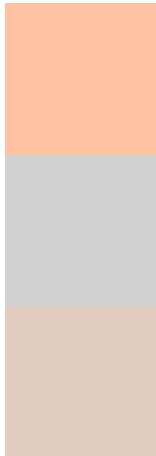
Original Color
16761763

Protanomaly
15322023

Deuteranomaly
16303778

Tritanomaly
16761021

Monochromacy



Original Color
16761763

Achromatopsia
13750737

Achromatomaly
14863552

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16761763 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 #FFC3A3 looks like.

```
.text, #text, p{  
    color:#FFC3A3  
}
```

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 #FFC3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC3A3
}
```

Border

The CSS property to change the border of an element to Decimal 16761763 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
#FFC3A3 }
```

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

```
.border{ border-color:#FFC3A3 }
```

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

Here you see how a box with a 4 pixel #FFC3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC3A3; -webkit-box-shadow:4px 4px  
4px 4px #FFC3A3; box-shadow:4px 4px 4px  
4px #FFC3A3 }
```

Background

The CSS property to change the background color of an element to Decimal 16761763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC3A3 }
```

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

```
.background{ background-color:#FFC3A3 }
```

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