

Converting Colors

Decimal(16755297)

Have a look what the booklet for
Decimal(16755297) contains.

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Color

Decimal(16755297)

Conversions

Conversions Part 1

Format	Color
Hex	FFAA61
RGB	255, 170, 97
RGB Percent	100%, 67%, 38%
CMY	0.0000, 0.3333, 0.6196
CMYK	0.00, 0.33, 0.62, 0.00
HSL	28°, 100%, 69%
HSV	28°, 62%, 100%
XYZ	57.7724, 50.8725, 18.0837
YIQ	187.0930, 74.0930, -4.6830

Conversions

Conversions Part 2

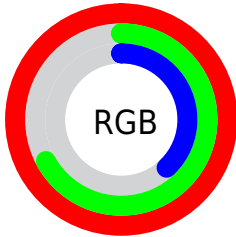
Format	Color
R_{YB}	255, 233, 97
Decimal	16755297
CIE Lab	76.60, 24.40, 49.72
CIE LCh	77, 55.385, 63.864
Yxy	50.8725, 0.4559, 0.4014
Android (android.graphics.Color)	4294945377 (0xFFFFAA61)
YUV	187.0930, -44.4158, 59.5544
Hunter-Lab	71.3250, 19.7642, 34.8951

Details

The Decimal color **16755297** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6403839**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16769686**, and **12743983** is the 20% darker color. If you saturate the color by 10%, you get **16751687**, and if you desaturate by 10%, it is **16758906**.

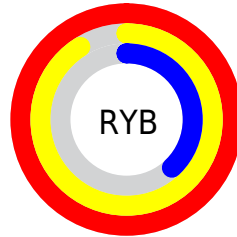
Distribution



Red (100%)

Green (67%)

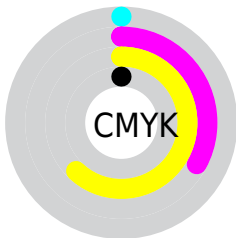
Blue (38%)



Red (100%)

Yellow (91%)

Blue (38%)

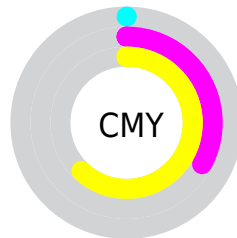


Cyan (0%)

Magenta (33%)

Yellow (62%)

Black (0%)



Cyan (0%)
















Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16755297 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 16755297 by changing the saturation by 10% instead.

 16755297	 16755297
16777215	 14716744
 16769686	 12743983
 16776881	 10771732
 16777165	 8864768
 16777193	 7023872
	 5117696
	 3342592
	 1376256
	 0

16755297

16755297

16751687

16758906

16748334

16762260

16744724

16765870

16741888

16769479

16773089

16776442

16777215

Harmonies

Analogous

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



16750983



16755297



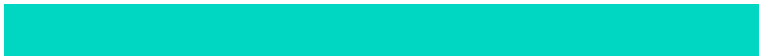
14007379

Triad

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



16755297



55234



13217279

Complementary

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



16755297



6403839

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.



7258367



16755297



54773

Square

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



16755297



5952398



52991



16751339

Rectangle

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



16755297



11716187



52991



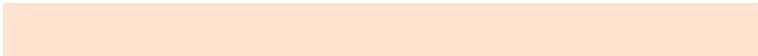
11580671

Sweetspot

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



16755297



16770511



16736696



8417378



0



8421504

Same Dimension

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



16755297



16750914



16775009



8419699



12539904



4201728

Inverse Universe

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



6403839



4368639



6384127



7568000



26559



8768

Previews

White Background



This preview shows how the Decimal color 16755297 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 16755297 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 16755297 Background



This preview shows how black text looks on a background with the Decimal color 16755297.

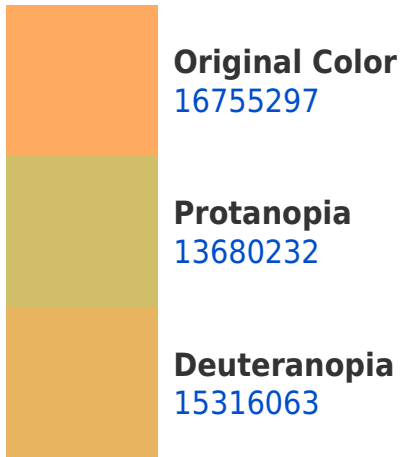


This preview shows how white text looks on a background with the Decimal color 16755297.

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](#).

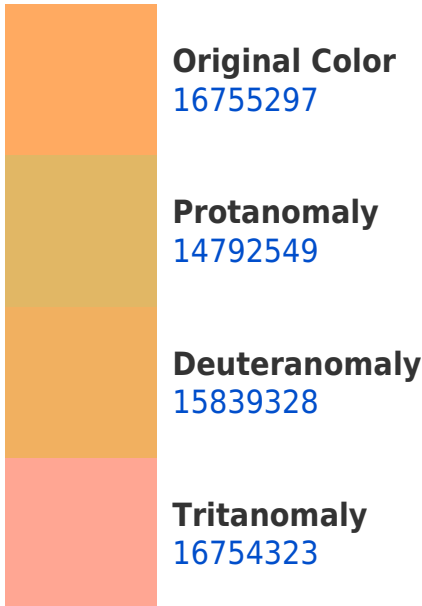
Dichromacy





Tritanopia
16753839

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16755297 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 #FFAA61 looks like.

```
.text, #text, p{  
  color:#FFAA61  
}
```

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 #FFAA61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAA61
}
```

Border

The CSS property to change the border of an element to Decimal 16755297 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
#FFAA61 }
```

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

```
.border{ border-color:#FFAA61 }
```

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

Here you see how a box with a 4 pixel #FFAA61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAA61; -webkit-box-shadow:4px 4px  
4px 4px #FFAA61; box-shadow:4px 4px 4px  
4px #FFAA61 }
```

Background

The CSS property to change the background color of an element to Decimal 16755297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAA61 }
```

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

```
.background{ background-color:#FFAA61 }
```

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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