

Converting Colors

Decimal(16764036)

Have a look what the booklet for
Decimal(16764036) contains.

Decimal(16764036)	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(16764036)

Conversions

Conversions Part 1

Format	Color
Hex	FFCC84
RGB	255, 204, 132
RGB Percent	100%, 80%, 52%
CMY	0.0000, 0.2000, 0.4824
CMYK	0.00, 0.20, 0.48, 0.00
HSL	35°, 100%, 76%
HSV	35°, 48%, 100%
XYZ	66.9977, 66.1117, 31.0595
YIQ	211.0410, 53.5080, -11.5800

Conversions

Conversions Part 2

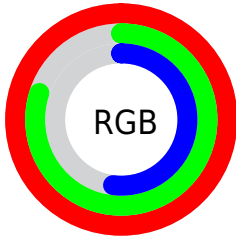
Format	Color
R _Y B	219, 255, 132
Decimal	16764036
CIE Lab	85.05, 9.41, 42.57
CIE LCh	85, 43.601, 77.538
Yxy	66.1117, 0.4081, 0.4027
Android (android.graphics.Color)	4294954116 (0xFFFFCC84)
YUV	211.0410, -38.9672, 38.5520
Hunter-Lab	81.3091, 4.7910, 34.2680

Details

The Decimal color **16764036** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8697855**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **16777146**, and **12883537** is the 20% darker color. If you saturate the color by 10%, you get **16761195**, and if you desaturate by 10%, it is **16766878**.

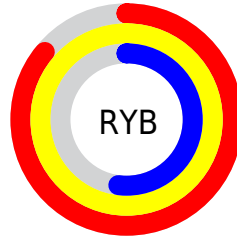
Distribution



Red (100%)

Green (80%)

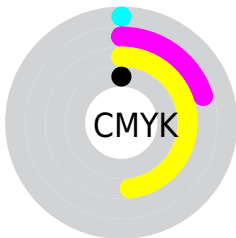
Blue (52%)



Red (86%)

Yellow (100%)

Blue (52%)

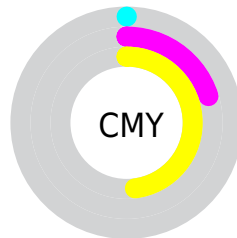


Cyan (0%)

Magenta (20%)

Yellow (48%)

Black (0%)



Cyan (0%)















Magenta (20%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16764036 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 16764036 by changing the saturation by 10% instead.

 16764036	 16764036
16777215	 14791018
 16777146	 12883537
 16777174	 10976312
 16777203	 9134880
	 7293956
	 5584128
	 3809280
	 2230784
	 0

 16764036

 16764036

 16761195

 16766878

 16758609

 16769463

 16755768

 16772305

 16753182

 16774890

 16750341

16777215

 16749824

Harmonies

Analogous

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



16760473



16764036



14146181

Triad

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



16764036



3926764



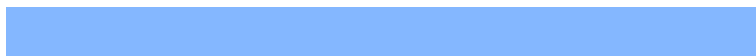
16237055

Complementary

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



16764036



8697855

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.



12636415



16764036



3663871

Square

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



16764036



7662017



8118015



16758503

Rectangle

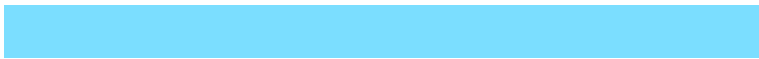
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16764036



12181906



8118015



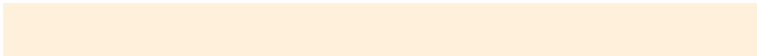
15189759

Sweetspot

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



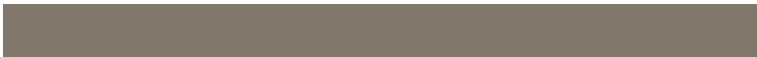
16764036



16773339



16745655



8419178



0



8421504

Same Dimension

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



16764036



16761451



16121732



8419955



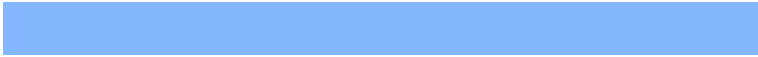
12546048



4203776

Inverse Universe

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



8697855



7055615



9340159



7567488



20415



6720

Previews

White Background



This preview shows how the Decimal color 16764036 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 16764036 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 16764036 Background



This preview shows how black text looks on a background with the Decimal color 16764036.

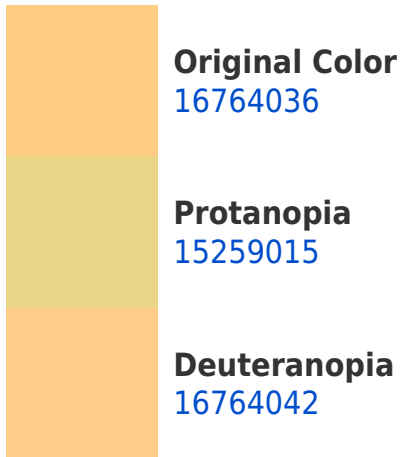


This preview shows how white text looks on a background with the Decimal color 16764036.

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
16762322

Trichromacy



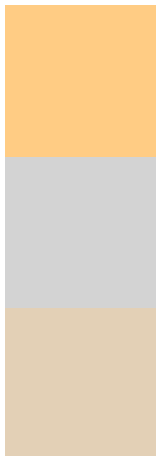
Original Color
16764036

Protanomaly
15782534

Deuteranomaly
16764040

Tritanomaly
16763062

Monochromacy



Original Color
16764036

Achromatopsia
13882323

Achromatomaly
14930102

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16764036 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 #FFCC84 looks like.

```
.text, #text, p{  
    color:#FFCC84  
}
```

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 #FFCC84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCC84
}
```

Border

The CSS property to change the border of an element to Decimal 16764036 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
#FFCC84 }
```

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

```
.border{ border-color:#FFCC84 }
```

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

Here you see how a box with a 4 pixel #FFCC84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCC84; -webkit-box-shadow:4px 4px  
4px 4px #FFCC84; box-shadow:4px 4px 4px  
4px #FFCC84 }
```

Background

The CSS property to change the background color of an element to Decimal 16764036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCC84 }
```

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

```
.background{ background-color:#FFCC84 }
```

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