

# Converting Colors

Decimal(16763269)

Have a look what the booklet for  
Decimal(16763269) contains.

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# **Color**

**Decimal(16763269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC985
RGB	255, 201, 133
RGB Percent	100%, 79%, 52%
CMY	0.0000, 0.2118, 0.4784
CMYK	0.00, 0.21, 0.48, 0.00
HSL	33°, 100%, 76%
HSV	33°, 48%, 100%
XYZ	66.3603, 64.7267, 31.1862
YIQ	209.3940, 54.0120, -9.7000

# Conversions

## Conversions Part 2

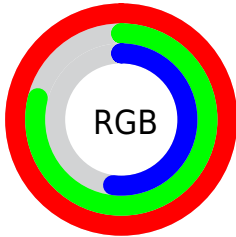
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 255, 133
Decimal	16763269
CIE <sub>Lab</sub>	84.34, 11.06, 41.17
CIE <sub>LCh</sub>	84, 42.628, 74.968
Yxy	64.7267, 0.4089, 0.3989
Android (android.graphics.Color)	4294953349 (0xFFFFC985)
YUV	209.3940, -37.6622, 39.9965
Hunter-Lab	80.4529, 6.4402, 33.3343

# Details

The Decimal color **16763269** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8764415**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16777147**, and **12882770** is the 20% darker color. If you saturate the color by 10%, you get **16760428**, and if you desaturate by 10%, it is **16766111**.

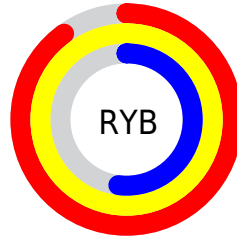
# Distribution



Red (100%)

Green (79%)

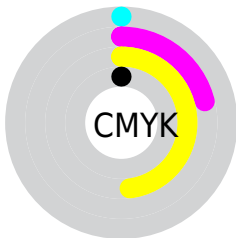
Blue (52%)



Red (90%)

Yellow (100%)

Blue (52%)

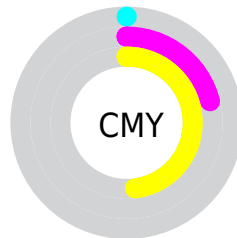


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (21%)
















Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16763269 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 16763269 by changing the saturation by 10% instead.



 16763269	 16763269
 16777215	 14790251
 16777147	 12882770
 16777175	 10975546
 16777204	 9134369
	 7293191
	 5583360
	 3808512
	 2230016
	 0

 16763269

 16763269

 16760428

 16766111

 16757330

 16769208

 16754489

 16772050

 16751647

 16774891

 16748806

16777215

 16748032

# Harmonies

## Analogous

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



16759963



16763269



14276228

# Triad

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



16763269



4581606



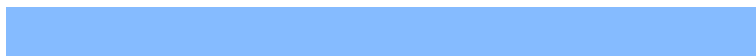
15843839

# Complementary

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



16763269



8764415

# 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.



12177407



16763269



3794431

# Square

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



16763269



8054716



7855359



16758504

# Rectangle

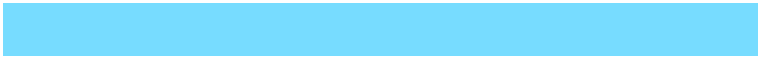
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16763269



12377743



7855359



14731007

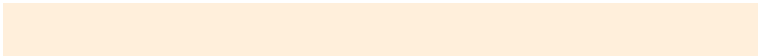


# Sweetspot

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



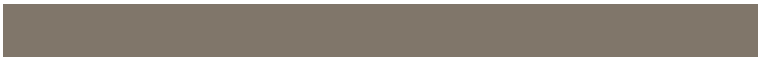
16763269



16773083



16745916



8418922



0



8421504



# Same Dimension

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



16763269



16760686



16383877



8419955



12544768

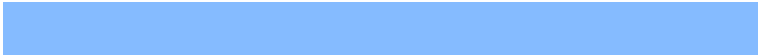


4203520

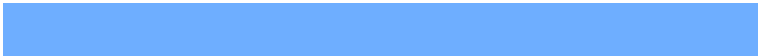


# Inverse Universe

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



8764415



7253759



9143807



7567488



21951



7232



# Previews

## White Background



This preview shows how the Decimal color 16763269 looks on a white background.

## Color Contrast Check

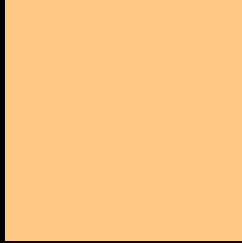
Large Text (above 18pt) WCAG AA × Fail

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 16763269 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 16763269 Background



This preview shows how black text looks on a background with the Decimal color 16763269.



This preview shows how white text looks on a background with the Decimal color 16763269.

# 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**  
16761807

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16763269 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 #FFC985 looks like.

```
.text, #text, p{  
    color:#FFC985  
}
```

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 #FFC985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC985
}
```

## Border

The CSS property to change the border of an element to Decimal 16763269 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
#FFC985 }
```

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

```
.border{ border-color:#FFC985 }
```

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

Here you see how a box with a 4 pixel #FFC985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC985; -webkit-box-shadow:4px 4px  
4px 4px #FFC985; box-shadow:4px 4px 4px  
4px #FFC985 }
```

# Background

The CSS property to change the background color of an element to Decimal 16763269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC985 }
```

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

```
.background{ background-color:#FFC985 }
```

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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