

# Converting Colors

Decimal(16763293)

Have a look what the booklet for  
Decimal(16763293) contains.

<b>Decimal(16763293)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(16763293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC99D
RGB	255, 201, 157
RGB Percent	100%, 79%, 62%
CMY	0.0000, 0.2118, 0.3843
CMYK	0.00, 0.21, 0.38, 0.00
HSL	27°, 100%, 81%
HSV	27°, 38%, 100%
XYZ	68.2124, 65.4676, 40.9396
YIQ	212.1300, 46.3080, -2.2360

# Conversions

## Conversions Part 2

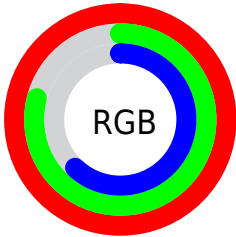
Format	Color
R <sub>Y</sub> B	255, 237, 157
Decimal	16763293
CIE Lab	84.72, 13.50, 29.31
CIE LCh	85, 32.270, 65.268
Yxy	65.4676, 0.3906, 0.3749
Android (android.graphics.Color)	4294953373 (0xFFFFC99D)
YUV	212.1300, -27.1791, 37.5970
Hunter-Lab	80.9121, 8.8873, 26.6391

# Details

The Decimal color **16763293** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10343423**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16777172**, and **12948329** is the 20% darker color. If you saturate the color by 10%, you get **16759684**, and if you desaturate by 10%, it is **16766903**.

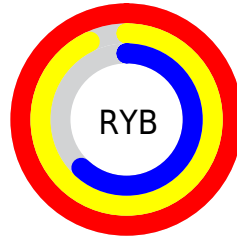
# Distribution



Red (100%)

Green (79%)

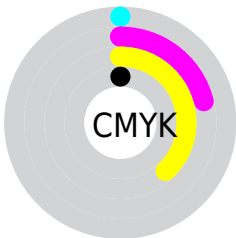
Blue (62%)



Red (100%)

Yellow (93%)

Blue (62%)

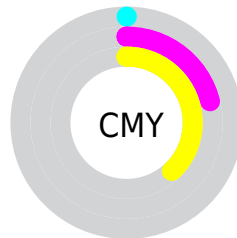


Cyan (0%)

Magenta (21%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16763293 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 16763293 by changing the saturation by 10% instead.



 16763293

 16763293

16777215

 14790275

 16777172

 12948329

 16777200

 11041105

 9199673

 7424291

 5714445

 4070656

 2426368

 0

■ 16763293

■ 16763293

■ 16759684

■ 16766903

■ 16756074

■ 16770512

■ 16752465

■ 16774122

■ 16748855

16777215

■ 16745245

■ 16741636

■ 16740864

# Harmonies

## Analogous

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



16761010



16763293



14996375

# Triad

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



16763293



8512984



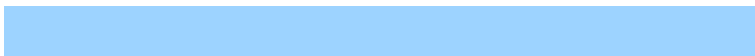
14666495

# Complementary

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



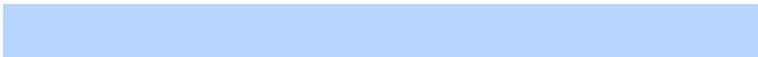
16763293



10343423

# 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.



11916799



16763293



7791606

# Square

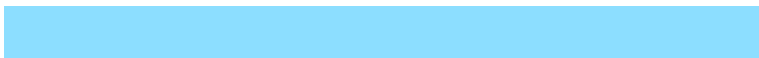
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16763293



10543801



9232127



16761326

# Rectangle

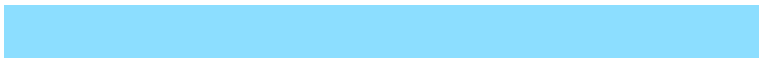
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16763293



13556380



9232127



13815295

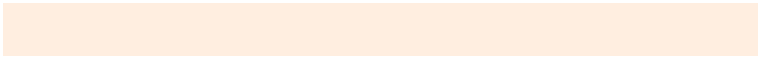


# Sweetspot

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



16763293



16772832



16752085



8418926



0



8421504



# Same Dimension

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



16763293



16760458



16775325



8419443



12539392

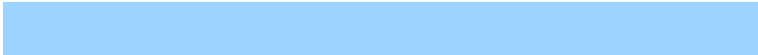


4201728

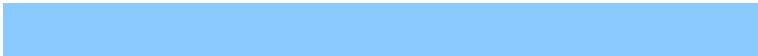


# Inverse Universe

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



10343423



9095935



10331391



7568000



27071



9024



# Previews

## White Background



This preview shows how the Decimal color 16763293 looks on a white background.

## Color Contrast Check

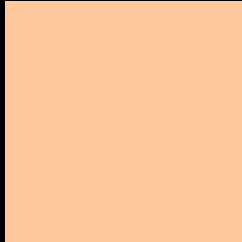
Large Text (above 18pt) WCAG AA × Fail

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 16763293 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 16763293 Background



This preview shows how black text looks on a background with the Decimal color 16763293.

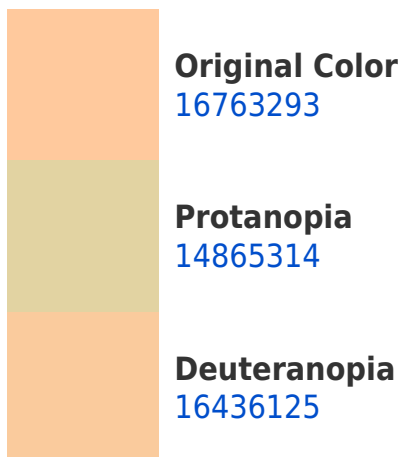


This preview shows how white text looks on a background with the Decimal color 16763293.

# 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**  
16762065

# Trichromacy



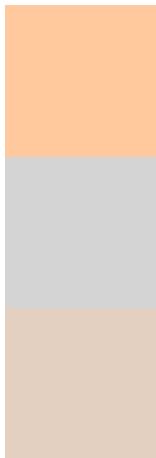
**Original Color**  
16763293

**Protanomaly**  
15585184

**Deuteranomaly**  
16566941

**Tritanomaly**  
16762558

# Monochromacy



**Original Color**  
16763293

**Achromatopsia**  
13948116

**Achromatomaly**  
14995648

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16763293 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 #FFC99D looks like.

```
.text, #text, p{  
    color:#FFC99D  
}
```

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 #FFC99D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC99D
}
```

## Border

The CSS property to change the border of an element to Decimal 16763293 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
#FFC99D }
```

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

```
.border{ border-color:#FFC99D }
```

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

Here you see how a box with a 4 pixel #FFC99D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC99D; -webkit-box-shadow:4px 4px  
4px 4px #FFC99D; box-shadow:4px 4px 4px  
4px #FFC99D }
```

# Background

The CSS property to change the background color of an element to Decimal 16763293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC99D }
```

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

```
.background{ background-color:#FFC99D }
```

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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