

# Converting Colors

Decimal(16563577)

Have a look what the booklet for  
Decimal(16563577) contains.

<b>Decimal(16563577)</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(16563577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCBD79
RGB	252, 189, 121
RGB Percent	99%, 74%, 47%
CMY	0.0118, 0.2588, 0.5255
CMYK	0.00, 0.25, 0.52, 0.01
HSL	31°, 96%, 73%
HSV	31°, 52%, 99%
XYZ	61.7937, 58.4711, 26.1183
YIQ	200.0850, 59.3760, -7.7920

# Conversions

## Conversions Part 2

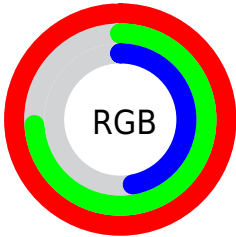
Format	Color
<b>R<sub>YB</sub></b>	242, 252, 121
Decimal	16563577
CIE Lab	81.00, 15.05, 42.97
CIE LCh	81, 45.532, 70.703
Yxy	58.4711, 0.4221, 0.3994
Android (android.graphics.Color)	4294753657 (0xFFFCBD79)
YUV	200.0850, -38.9889, 45.5295
Hunter-Lab	76.4664, 10.4324, 33.2750

# Details

The Decimal color **16563577** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7977212**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16774574**, and **12683335** is the 20% darker color. If you saturate the color by 10%, you get **16560480**, and if you desaturate by 10%, it is **16566674**.

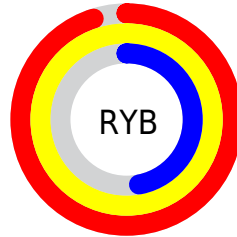
# Distribution



Red (99%)

Green (74%)

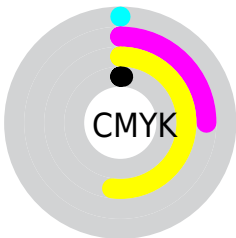
Blue (47%)



Red (95%)

Yellow (99%)

Blue (47%)

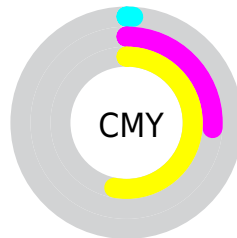


Cyan (0%)

Magenta (25%)

Yellow (52%)

Black (1%)



Cyan (1%)

Magenta (26%)















Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16563577 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 16563577 by changing the saturation by 10% instead.



 16563577	 16563577
16777215	 14590559
 16774574	 12683335
 16777162	 10776110
 16777191	 8869397
	 7028480
	 5253376
	 3544064
	 2031616
	 0

16563577

16563577

16560480

16566674

16557383

16569771

16554285

16572869

16551188

16575966

16548608

16579319

16580607

# Harmonies

## Analogous

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



16756628



16563577



14077044

# Triad

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



16563577



2285783



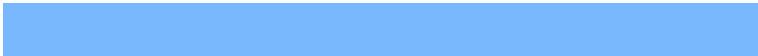
14792959

# Complementary

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



16563577



7977212

# 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.



10733823



16563577



56831

# Square

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



16563577



7397036



5428735



16755686

# Rectangle

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



16563577



12047486



5428735



13614847

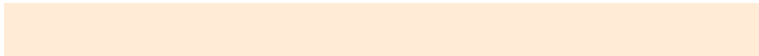


# Sweetspot

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



16563577



16772054



16546232



8418407



0



8421504



# Same Dimension

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



16563577



16757601



16448633



8222576



12411392

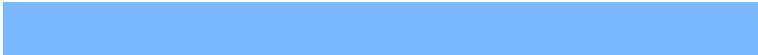


4005888

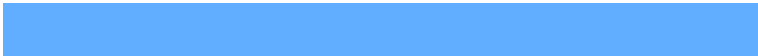


# Inverse Universe

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



7977212



6401535



8092156



7370365



23485



7485



# Previews

## White Background



This preview shows how the Decimal color 16563577 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 16563577 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

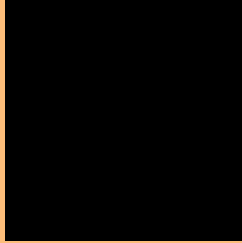
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16563577 Background



This preview shows how black text looks on a background with the Decimal color 16563577.



This preview shows how white text looks on a background with the Decimal color 16563577.

# 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



**Original Color**  
16563577

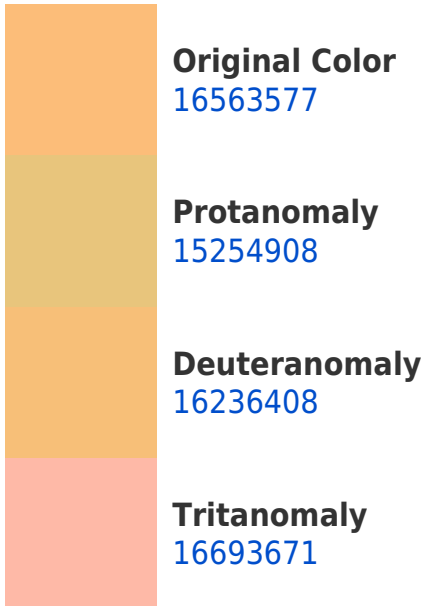
**Protanopia**  
14469502

**Deuteranopia**  
16040056



**Tritanopia**  
16758466

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16563577 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 #FCBD79 looks like.

```
.text, #text, p{  
    color:#FCBD79  
}
```

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 #FCBD79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCBD79
}
```

## Border

The CSS property to change the border of an element to Decimal 16563577 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
#FCBD79 }
```

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

```
.border{ border-color:#FCBD79 }
```

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

Here you see how a box with a 4 pixel #FCBD79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCBD79; -webkit-box-shadow:4px 4px  
4px 4px #FCBD79; box-shadow:4px 4px 4px  
4px #FCBD79 }
```

# Background

The CSS property to change the background color of an element to Decimal 16563577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCBD79 }
```

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

```
.background{ background-color:#FCBD79 }
```

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