

# Converting Colors

Decimal(16304733)

Have a look what the booklet for  
Decimal(16304733) contains.

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# **Color**

**Decimal(16304733)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8CA5D
RGB	248, 202, 93
RGB Percent	97%, 79%, 36%
CMY	0.0275, 0.2078, 0.6353
CMYK	0.00, 0.19, 0.62, 0.03
HSL	42°, 92%, 67%
HSV	42°, 63%, 97%
XYZ	61.8077, 62.9878, 19.2562
YIQ	203.3280, 62.4050, -24.1470

# Conversions

## Conversions Part 2

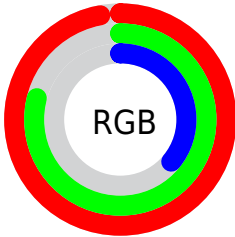
Format	Color
<a href="#">RYB</a>	<a href="#">158, 248, 93</a>
Decimal	<a href="#">16304733</a>
CIELab	<a href="#">83.44, 4.58, 59.18</a>
CIELCh	<a href="#">83, 59.356, 85.575</a>
Yxy	<a href="#">62.9878, 0.4291, 0.4373</a>
Android (android.graphics.Color)	<a href="#">4294494813</a> ( <a href="#">0xFFF8CA5D</a> )
YUV	<a href="#">203.3280, -54.3917, 39.1773</a>
Hunter-Lab	<a href="#">79.3649, 0.1236, 41.1700</a>

# Details

The Decimal color **16304733** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **6130680**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777107**, and **12358695** is the 20% darker color. If you saturate the color by 10%, you get **16302916**, and if you desaturate by 10%, it is **16306550**.

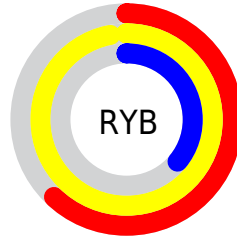
# Distribution



Red (97%)

Green (79%)

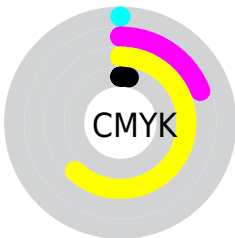
Blue (36%)



Red (62%)

Yellow (97%)

Blue (36%)

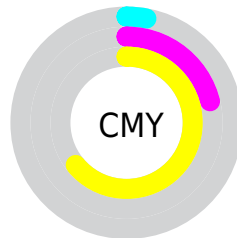


Cyan (0%)

Magenta (19%)

Yellow (62%)

Black (3%)



Cyan (3%)

Magenta (21%)

















Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16304733 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 16304733 by changing the saturation by 10% instead.



 16304733	 16304733
 16777215	 14331714
 16777107	 12358695
 16777135	 10451712
 16777163	 8544768
 16777192	 6769152
	 4928512
	 3219200
	 1640448
	 0

16304733

16304733

16302916

16306550

16300843

16308623

16299027

16310439

16297472

16312256

16314329

16316146

16318207

16318463

# Harmonies

## Analogous

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



16758133



16304733



12704615

# Triad

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



16304733



60670



16756735

# Complementary

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



16304733



6130680

# 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.



13092351



16304733



59135

# Square

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



16304733



60613



5232895



16753115

# Rectangle

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



16304733



9823103



5232895



16365311

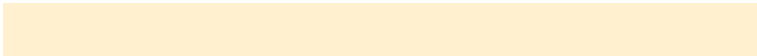


# Sweetspot

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



16304733



16773583



16276876



8419170



0



8421504



# Same Dimension

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



16304733



16762432



14284893



8223088



12420352



4008704



# Inverse Universe

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



6130680



4225535



8150520



7369853



14525



4669



# Previews

## White Background



This preview shows how the Decimal color 16304733 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 16304733 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 16304733 Background



This preview shows how black text looks on a background with the Decimal color 16304733.



This preview shows how white text looks on a background with the Decimal color 16304733.

# 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**  
16304733

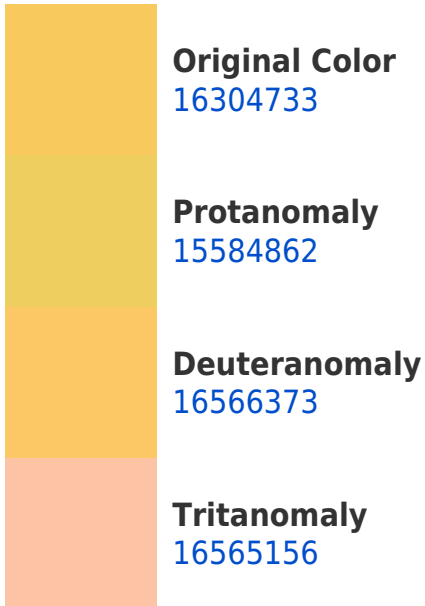
**Protanopia**  
15192159

**Deuteranopia**  
16762729



**Tritanopia**  
16760781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16304733 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 #F8CA5D looks like.

```
.text, #text, p{  
  color:#F8CA5D  
}
```

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 #F8CA5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8CA5D
}
```

## Border

The CSS property to change the border of an element to Decimal 16304733 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
#F8CA5D }
```

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

```
.border{ border-color:#F8CA5D }
```

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

Here you see how a box with a 4 pixel #F8CA5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8CA5D; -webkit-box-shadow:4px 4px  
4px 4px #F8CA5D; box-shadow:4px 4px 4px  
4px #F8CA5D }
```

# Background

The CSS property to change the background color of an element to Decimal 16304733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8CA5D }
```

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

```
.background{ background-color:#F8CA5D }
```

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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