

# Converting Colors

Decimal(16566601)

Have a look what the booklet for  
Decimal(16566601) contains.

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# **Color**

**Decimal(16566601)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCC949
RGB	252, 201, 73
RGB Percent	99%, 79%, 29%
CMY	0.0118, 0.2118, 0.7137
CMYK	0.00, 0.20, 0.71, 0.01
HSL	43°, 97%, 64%
HSV	43°, 71%, 99%
XYZ	62.2341, 62.9498, 15.1738
YIQ	201.6570, 71.4840, -28.9960

# Conversions

## Conversions Part 2

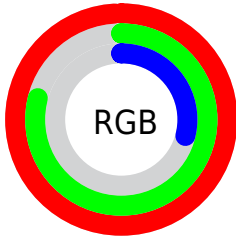
Format	Color
<a href="#">RYB</a>	<a href="#">144, 252, 73</a>
Decimal	<a href="#">16566601</a>
CIELab	<a href="#">83.42, 5.66, 67.72</a>
CIElCh	<a href="#">83, 67.952, 85.222</a>
Yxy	<a href="#">62.9498, 0.4434, 0.4485</a>
Android (android.graphics.Color)	<a href="#">4294756681</a> ( <a href="#">0xFFFC949</a> )
YUV	<a href="#">201.6570, -63.4279, 44.1508</a>
Hunter-Lab	<a href="#">79.3409, 1.1669, 44.1996</a>

# Details

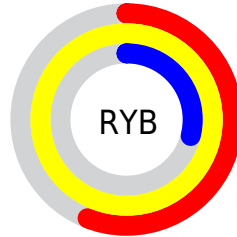
The Decimal color **16566601** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4816124**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16777088**, and **12555008** is the 20% darker color. If you saturate the color by 10%, you get **16564784**, and if you desaturate by 10%, it is **16568418**.

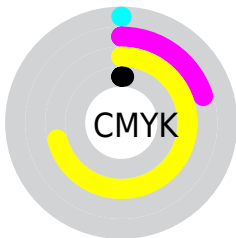
# Distribution



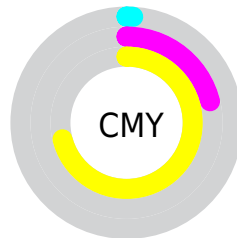
- Red (99%)
- Green (79%)
- Blue (29%)



- Red (56%)
- Yellow (99%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (71%)
- Black (1%)




















- Cyan (1%)
- Magenta (21%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16566601 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 16566601 by changing the saturation by 10% instead.



 16566601	 16566601
 16777215	 14528044
 16777088	 12555008
 16777116	 10648064
 16777144	 8741120
 16777173	 6834688
 16777202	 4994048
	 3284736
	 1705728
	 0

■ 16566601

■ 16566601

■ 16564784

■ 16568418

■ 16562967

■ 16570235

■ 16561152

■ 16572309

■ 16574126

■ 16575943

■ 16577760

■ 16579577

■ 16580607

# Harmonies

## Analogous

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



16757095



16566601



12508244

# Triad

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



16566601



61439



16755199

# Complementary

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



16566601



4816124

# 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.



12698623



16566601



59647

# Square

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



16566601



61379



56063



16750813

# Rectangle

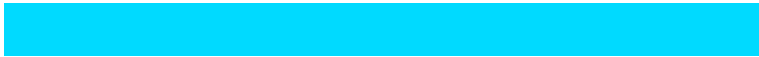
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16566601



9168241



56063



16691711



# Sweetspot

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



16566601



16773321



16533887



8418912



0



8421504



# Same Dimension

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



16566601



16761126



14220361



8223088



12420864



4008960



# Inverse Universe

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



4816124



2516223



7162364



7369853



14013



4413



# Previews

## White Background



This preview shows how the Decimal color 16566601 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 16566601 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 16566601 Background



This preview shows how black text looks on a background with the Decimal color 16566601.



This preview shows how white text looks on a background with the Decimal color 16566601.

# 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**  
16760779

# Trichromacy



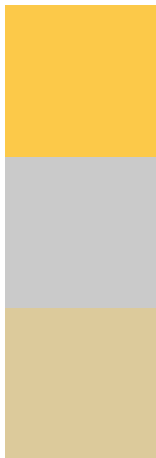
**Original Color**  
16566601

**Protanomaly**  
15715658

**Deuteranomaly**  
16697434

**Tritanomaly**  
16696220

# Monochromacy



**Original Color**  
16566601

**Achromatopsia**  
13290186

**Achromatomaly**  
14469787

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16566601 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 #FCC949 looks like.

```
.text, #text, p{  
    color:#FCC949  
}
```

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 #FCC949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCC949
}
```

## Border

The CSS property to change the border of an element to Decimal 16566601 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
#FCC949 }
```

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

```
.border{ border-color:#FCC949 }
```

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

Here you see how a box with a 4 pixel #FCC949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCC949; -webkit-box-shadow:4px 4px  
4px 4px #FCC949; box-shadow:4px 4px 4px  
4px #FCC949 }
```

# Background

The CSS property to change the background color of an element to Decimal 16566601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCC949 }
```

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

```
.background{ background-color:#FCC949 }
```

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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