

# Converting Colors

Decimal(16629590)

Have a look what the booklet for  
Decimal(16629590) contains.

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# **Color**

**Decimal(16629590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDBF56
RGB	253, 191, 86
RGB Percent	99%, 75%, 34%
CMY	0.0078, 0.2510, 0.6627
CMYK	0.00, 0.25, 0.66, 0.01
HSL	38°, 98%, 66%
HSV	38°, 66%, 99%
XYZ	60.8185, 58.8161, 16.9513
YIQ	197.5680, 70.6570, -19.5110

# Conversions

## Conversions Part 2

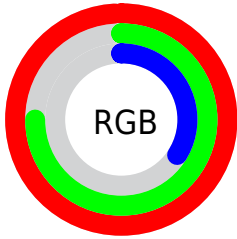
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">185, 253, 86</a>
Decimal	<a href="#">16629590</a>
<a href="#">CIELab</a>	<a href="#">81.19, 11.94, 59.98</a>
<a href="#">CIElCh</a>	<a href="#">81, 61.154, 78.745</a>
<a href="#">Yxy</a>	<a href="#">58.8161, 0.4453, 0.4306</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294819670 (0xFFFD56)</a>
<a href="#">YUV</a>	<a href="#">197.5680, -55.0030, 48.6139</a>
<a href="#">Hunter-Lab</a>	<a href="#">76.6917, 7.3448, 40.5792</a>

# Details

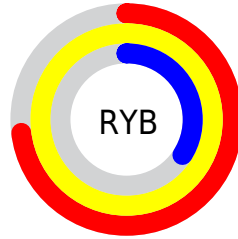
The Decimal color **16629590** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5674237**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16775052**, and **12618271** is the 20% darker color. If you saturate the color by 10%, you get **16627261**, and if you desaturate by 10%, it is **16631919**.

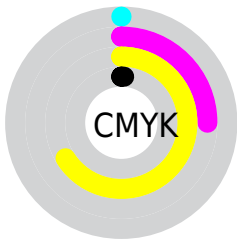
# Distribution



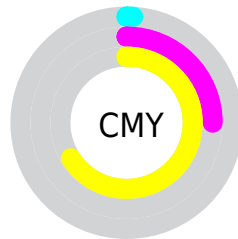
- Red (99%)
- Green (75%)
- Blue (34%)



- Red (73%)
- Yellow (99%)
- Blue (34%)



- Cyan (0%)
- Magenta (25%)
- Yellow (66%)
- Black (1%)


















- Cyan (1%)
- Magenta (25%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16629590 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 16629590 by changing the saturation by 10% instead.



 16629590	 16629590
16777215	 14591035
 16775052	 12618271
 16777127	 10711040
 16777155	 8804352
 16777184	 6897920
16777213	 5122816
	 3347968
	 1835008
	 0

16629590

16629590

16627261

16631919

16624675

16634505

16622346

16636834

16621312

16639419

16641749

16644078

16646143

# Harmonies

## Analogous

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



16755318



16629590



13161048

# Triad

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



16629590



59117



16493823

# Complementary

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



16629590



5674237

# 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.



11125759



16629590



58111

# Square

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



16629590



58801



55039



16751586

# Rectangle

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



16629590



10345324



55039



14988543

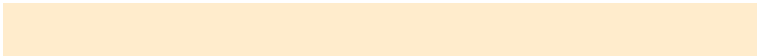


# Sweetspot

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



16629590



16772300



16602774



8418401



0



8421504



# Same Dimension

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



16629590



16757814



15400278



8420211



12548096



4204544



# Inverse Universe

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



5674237



3571967



6903549



7567232



18367



6208



# Previews

## White Background



This preview shows how the Decimal color 16629590 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 16629590 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 16629590 Background



This preview shows how black text looks on a background with the Decimal color 16629590.



This preview shows how white text looks on a background with the Decimal color 16629590.

# 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**  
16629590

**Protanopia**  
14731865

**Deuteranopia**  
16498774



**Tritanopia**  
16758466

# Trichromacy



**Original Color**  
16629590

**Protanomaly**  
15451736

**Deuteranomaly**  
16564310

**Tritanomaly**  
16693659

# Monochromacy



**Original Color**  
16629590

**Achromatopsia**  
13027014

**Achromatomaly**  
14336925

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16629590 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 #FDBF56 looks like.

```
.text, #text, p{  
    color:#FDBF56  
}
```

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 #FDBF56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDBF56
}
```

## Border

The CSS property to change the border of an element to Decimal 16629590 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
#FDBF56 }
```

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

```
.border{ border-color:#FDBF56 }
```

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

Here you see how a box with a 4 pixel #FDBF56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDBF56; -webkit-box-shadow:4px 4px  
4px 4px #FDBF56; box-shadow:4px 4px 4px  
4px #FDBF56 }
```

# Background

The CSS property to change the background color of an element to Decimal 16629590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDBF56 }
```

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

```
.background{ background-color:#FDBF56 }
```

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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