

Converting Colors

Decimal(16693590)

Have a look what the booklet for
Decimal(16693590) contains.

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Color

Decimal(16693590)

Conversions

Conversions Part 1

Format	Color
Hex	FEB956
RGB	254, 185, 86
RGB Percent	100%, 73%, 34%
CMY	0.0039, 0.2745, 0.6627
CMYK	0.00, 0.27, 0.66, 0.00
HSL	35°, 99%, 67%
HSV	35°, 66%, 100%
XYZ	59.9017, 56.4406, 16.5411
YIQ	194.3450, 72.9030, -16.1610

Conversions

Conversions Part 2

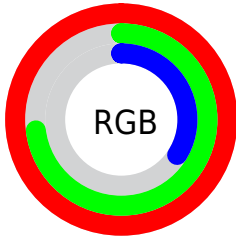
Format	Color
R _Y B	203, 254, 86
Decimal	16693590
CIE Lab	79.86, 15.48, 58.57
CIE LCh	80, 60.577, 75.197
Yxy	56.4406, 0.4508, 0.4247
Android (android.graphics.Color)	4294883670 (0xFFFE956)
YUV	194.3450, -53.4141, 52.3174
Hunter-Lab	75.1270, 10.8529, 39.5347

Details

The Decimal color **16693590** 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 **5676030**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16773515**, and **12682272** is the 20% darker color. If you saturate the color by 10%, you get **16691005**, and if you desaturate by 10%, it is **16696175**.

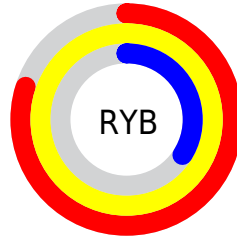
Distribution



Red (100%)

Green (73%)

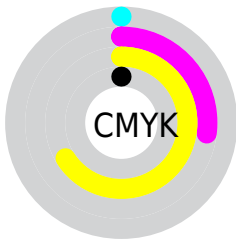
Blue (34%)



Red (80%)

Yellow (100%)

Blue (34%)

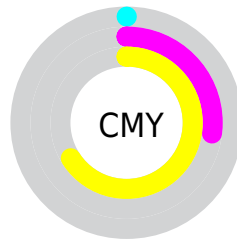


Cyan (0%)

Magenta (27%)

Yellow (66%)

Black (0%)



Cyan (0%)
















Magenta (27%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16693590 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 16693590 by changing the saturation by 10% instead.

 16693590	 16693590
16777215	 14655036
 16773515	 12682272
 16777127	 10709760
 16777155	 8803072
 16777183	 6962176
16777213	 5121536
	 3346688
	 1835009
	 0

16693590

16693590

16691005

16696175

16688163

16699017

16685578

16701602

16684544

16704444

16707029

16709870

16711679

Harmonies

Analogous

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



16753784



16693590



13356115

Triad

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



16693590



58082



15707391

Complementary

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



16693590



5676030

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.



10076927



16693590



57343

Square

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



16693590



778407



54527



16751076

Rectangle

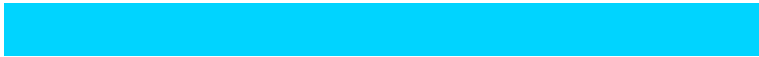
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16693590



10671461



54527



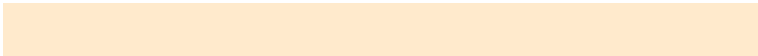
14136319

Sweetspot

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



16693590



16771788



16668316



8418145



0



8421504

Same Dimension

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



16693590



16755766



15793750



8419955



12546304



4204032

Inverse Universe

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



5676030



3574015



6575870



7567488



20415



6720

Previews

White Background



This preview shows how the Decimal color 16693590 looks on a white background.

Color Contrast Check

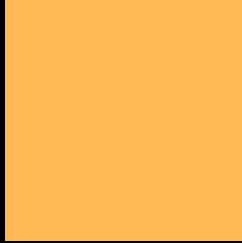
Large Text (above 18pt) WCAG AA × Fail

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 16693590 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 16693590 Background



This preview shows how black text looks on a background with the Decimal color 16693590.



This preview shows how white text looks on a background with the Decimal color 16693590.

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
16693590

Protanopia
14468954

Deuteranopia
16170325



Tritanopia
16757181

Trichromacy



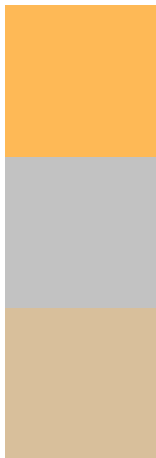
Original Color
16693590

Protanomaly
15254105

Deuteranomaly
16366677

Tritanomaly
16757912

Monochromacy



Original Color
16693590

Achromatopsia
12763842

Achromatomaly
14204827

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16693590 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 #FEB956 looks like.

```
.text, #text, p{  
    color:#FEB956  
}
```

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 #FEB956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEB956
}
```

Border

The CSS property to change the border of an element to Decimal 16693590 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
#FEB956 }
```

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

```
.border{ border-color:#FEB956 }
```

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

Here you see how a box with a 4 pixel #FEB956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEB956; -webkit-box-shadow:4px 4px  
4px 4px #FEB956; box-shadow:4px 4px 4px  
4px #FEB956 }
```

Background

The CSS property to change the background color of an element to Decimal 16693590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEB956 }
```

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

```
.background{ background-color:#FEB956 }
```

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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