

Converting Colors

Decimal(16687649)

Have a look what the booklet for
Decimal(16687649) contains.

Decimal(16687649)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16687649)

Conversions

Conversions Part 1

Format	Color
Hex	FEA221
RGB	254, 162, 33
RGB Percent	100%, 64%, 13%
CMY	0.0039, 0.3647, 0.8706
CMYK	0.00, 0.36, 0.87, 0.00
HSL	35°, 99%, 56%
HSV	35°, 87%, 100%
XYZ	54.0679, 47.0213, 7.6652
YIQ	174.8020, 96.2410, -20.6150

Conversions

Conversions Part 2

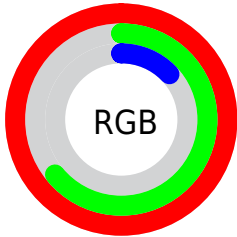
Format	Color
RYB	191, 254, 33
Decimal	16687649
CIELab	74.20, 25.48, 72.94
CIElCh	74, 77.264, 70.743
Yxy	47.0213, 0.4972, 0.4324
Android (android.graphics.Color)	4294877729 (0xFFFEA221)
YUV	174.8020, -69.9084, 69.4566
Hunter-Lab	68.5721, 20.7430, 41.3729

Details

The Decimal color **16687649** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2194942**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16767325**, and **12545536** is the 20% darker color. If you saturate the color by 10%, you get **16684808**, and if you desaturate by 10%, it is **16690490**.

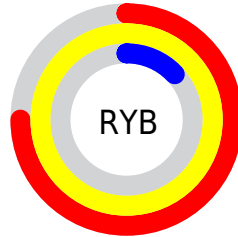
Distribution



Red (100%)

Green (64%)

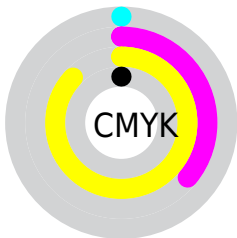
Blue (13%)



Red (75%)

Yellow (100%)

Blue (13%)

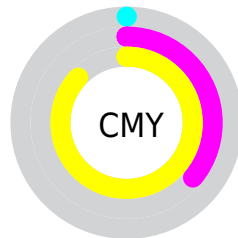


Cyan (0%)

Magenta (36%)

Yellow (87%)

Black (0%)



Cyan (0%)


















Magenta (36%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16687649 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 16687649 by changing the saturation by 10% instead.

 16687649	 16687649
16777215	 14583808
 16767325	 12545536
 16774777	 10573056
 16777108	 8535552
 16777137	 6629120
 16777165	 4788224
 16777194	 3080192
	 65536
	 0

16687649

16687649

16684808

16690490

16684032

16693076

16695917

16698503

16701344

16703929

16706771

16709612

16711679

Harmonies

Analogous

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



16745565



16687649



12696320

Triad

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



16687649



55503



14326015

Complementary

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



16687649



2194942

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.



4241151



16687649



54783

Square

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



16687649



54661



52223



16742887

Rectangle

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



16687649



9488171



52223



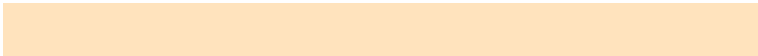
12035071

Sweetspot

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



16687649



16769981



16654717



8417112



0



8421504

Same Dimension

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



16687649



16749824



15531553



8419955



12546048



4203776

Inverse Universe

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



2194942



27391



3351038



7567488



20671



6976

Previews

White Background



This preview shows how the Decimal color 16687649 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 16687649 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 16687649 Background



This preview shows how black text looks on a background with the Decimal color 16687649.



This preview shows how white text looks on a background with the Decimal color 16687649.

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
16687649

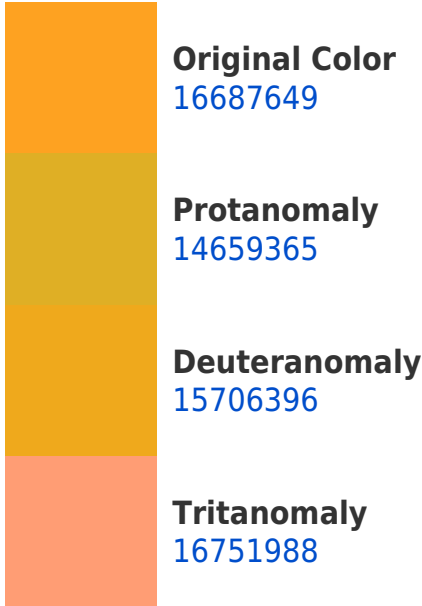
Protanopia
13547303

Deuteranopia
15183129



Tritanopia
16751268

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16687649 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 #FEA221 looks like.

```
.text, #text, p{  
    color:#FEA221  
}
```

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 #FEA221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEA221
}
```

Border

The CSS property to change the border of an element to Decimal 16687649 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
#FEA221 }
```

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

```
.border{ border-color:#FEA221 }
```

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

Here you see how a box with a 4 pixel #FEA221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEA221; -webkit-box-shadow:4px 4px  
4px 4px #FEA221; box-shadow:4px 4px 4px  
4px #FEA221 }
```

Background

The CSS property to change the background color of an element to Decimal 16687649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEA221 }
```

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

```
.background{ background-color:#FEA221 }
```

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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