

Converting Colors

Decimal(16687387)

Have a look what the booklet for
Decimal(16687387) contains.

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Color

Decimal(16687387)

Conversions

Conversions Part 1

Format	Color
Hex	FEA11B
RGB	254, 161, 27
RGB Percent	100%, 63%, 11%
CMY	0.0039, 0.3686, 0.8941
CMYK	0.00, 0.37, 0.89, 0.00
HSL	35°, 99%, 55%
HSV	35°, 89%, 100%
XYZ	53.8157, 46.6397, 7.2029
YIQ	173.5310, 98.4420, -21.9580

Conversions

Conversions Part 2

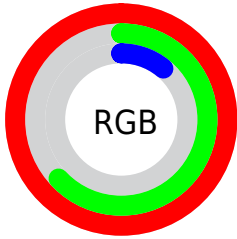
Format	Color
RYB	185, 254, 27
Decimal	16687387
CIELab	73.96, 25.89, 74.21
CIELCh	74, 78.601, 70.768
Yxy	46.6397, 0.4999, 0.4332
Android (android.graphics.Color)	4294877467 (0xFFFEA11B)
YUV	173.5310, -72.2398, 70.5713
Hunter-Lab	68.2933, 21.1465, 41.5520

Details

The Decimal color **16687387** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1800446**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16767065**, and **12545280** is the 20% darker color. If you saturate the color by 10%, you get **16684802**, and if you desaturate by 10%, it is **16689972**.

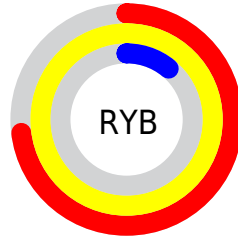
Distribution



Red (100%)

Green (63%)

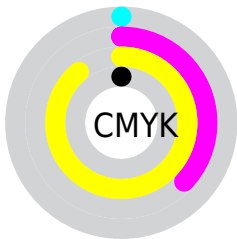
Blue (11%)



Red (73%)

Yellow (100%)

Blue (11%)

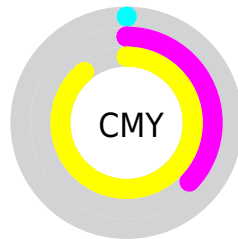


Cyan (0%)

Magenta (37%)

Yellow (89%)

Black (0%)



Cyan (0%)


















Magenta (37%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16687387 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 16687387 by changing the saturation by 10% instead.

 16687387	 16687387
 16777215	 14583552
 16767065	 12545280
 16774261	 10507264
 16777105	 8535296
 16777133	 6628864
 16777162	 4722432
 16777191	 3014656
	 0

 16687387  16687387

■ 16684802

■ 16689972

■ 16684544

■ 16692814

■ 16695399

■ 16698241

■ 16700826

■ 16703411

■ 16706253

■ 16708838

16711679

Harmonies

Analogous

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



16745051



16687387



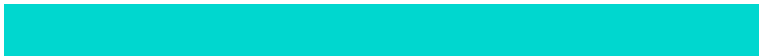
12696320

Triad

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



16687387



55247



14325503

Complementary

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



16687387



1800446

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.



3651327



16687387



54783

Square

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



16687387



54403



51967



16742119

Rectangle

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



16687387



9357094



51967



11969279

Sweetspot

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



16687387



16769978



16653178



8417111



0



8421504

Same Dimension

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



16687387



16750336



15466011



8419955



12546304



4204032

Inverse Universe

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



1800446



26879



3021822



7567488



20159



6720

Previews

White Background



This preview shows how the Decimal color 16687387 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 16687387 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 16687387 Background



This preview shows how black text looks on a background with the Decimal color 16687387.

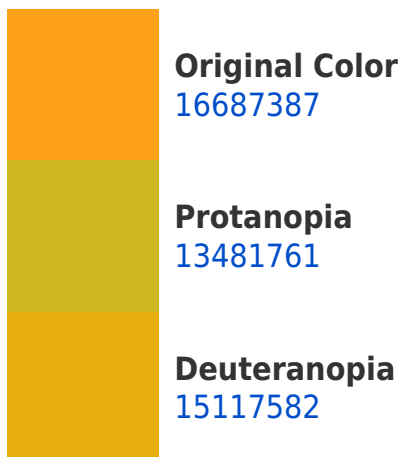


This preview shows how white text looks on a background with the Decimal color 16687387.

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
16751011

Trichromacy



Original Color
16687387

Protanomaly
14659359

Deuteranomaly
15706387

Tritanomaly
16751730

Monochromacy



Original Color
16687387

Achromatopsia
11447982

Achromatomaly
13347193

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16687387 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 #FEA11B looks like.

```
.text, #text, p{  
    color:#FEA11B  
}
```

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 #FEA11B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEA11B
}
```

Border

The CSS property to change the border of an element to Decimal 16687387 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
#FEA11B }
```

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

```
.border{ border-color:#FEA11B }
```

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

Here you see how a box with a 4 pixel #FEA11B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEA11B; -webkit-box-shadow:4px 4px  
4px 4px #FEA11B; box-shadow:4px 4px 4px  
4px #FEA11B }
```

Background

The CSS property to change the background color of an element to Decimal 16687387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEA11B }
```

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

```
.background{ background-color:#FEA11B }
```

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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