

Converting Colors

Decimal(15966010)

Have a look what the booklet for
Decimal(15966010) contains.

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Color

Decimal(15966010)

Conversions

Conversions Part 1

Format	Color
Hex	F39F3A
RGB	243, 159, 58
RGB Percent	95%, 62%, 23%
CMY	0.0471, 0.3765, 0.7725
CMYK	0.00, 0.35, 0.76, 0.05
HSL	33°, 89%, 59%
HSV	33°, 76%, 95%
XYZ	50.1240, 44.1564, 9.8842
YIQ	172.6020, 82.4850, -13.6030

Conversions

Conversions Part 2

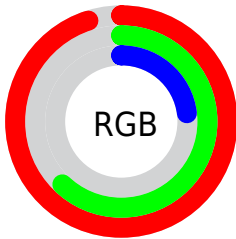
Format	Color
RYB	212, 243, 58
Decimal	15966010
CIELab	72.33, 23.22, 62.41
CIELCh	72, 66.590, 69.597
Yxy	44.1564, 0.4812, 0.4239
Android (android.graphics.Color)	4294156090 (0xFFFF39F3A)
YUV	172.6020, -56.4988, 61.7390
Hunter-Lab	66.4503, 18.3559, 37.6961

Details

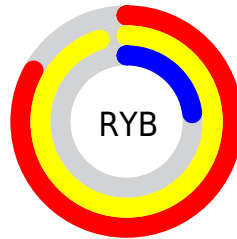
The Decimal color **15966010** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3837683**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16766575**, and **11889408** is the 20% darker color. If you saturate the color by 10%, you get **15963170**, and if you desaturate by 10%, it is **15968850**.

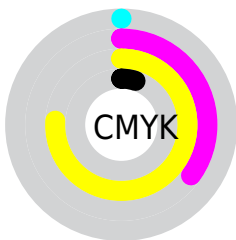
Distribution



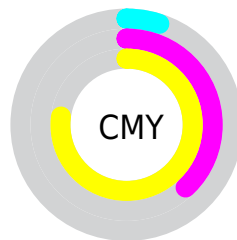
- Red (95%)
- Green (62%)
- Blue (23%)



- Red (83%)
- Yellow (95%)
- Blue (23%)



- Cyan (0%)
- Magenta (35%)
- Yellow (76%)
- Black (5%)




















- Cyan (5%)
- Magenta (38%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15966010 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 15966010 by changing the saturation by 10% instead.

 15966010	 15966010
16777215	 13927709
 16766575	 11889408
 16773771	 9917184
 16777126	 8010496
 16777154	 6104320
 16777183	 4263680
16777212	 2686976
	 0
 15966010	 15966010

15963170

15968850

15960329

15971691

15959296

15974531

15977371

15980211

15983052

15985892

15988732

15990783

Harmonies

Analogous

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



16746343



15966010



12563756

Triad

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



15966010



53188



13539839

Complementary

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



15966010



3837683

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.



5944063



15966010



52478

Square

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



15966010



52357



50175



16744669

Rectangle

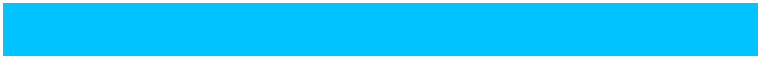
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15966010



9813822



50175



11576063

Sweetspot

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



15966010



16770244



15940240



8417116



0



8421504

Same Dimension

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



15966010



16750103



15594298



8025454



12215808



3874816

Inverse Universe

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



3837683



1540351



4209395



7238778



21946



6971

Previews

White Background



This preview shows how the Decimal color 15966010 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 15966010 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 15966010 Background



This preview shows how black text looks on a background with the Decimal color 15966010.



This preview shows how white text looks on a background with the Decimal color 15966010.

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
15966010

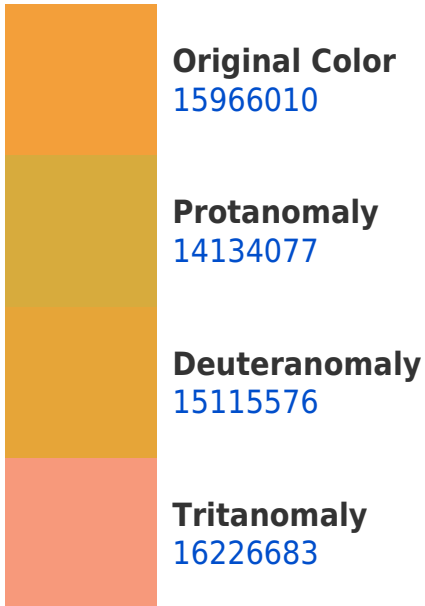
Protanopia
13087295

Deuteranopia
14657847



Tritanopia
16356768

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15966010 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 #F39F3A looks like.

```
.text, #text, p{  
  color:#F39F3A  
}
```

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 #F39F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F39F3A
}
```

Border

The CSS property to change the border of an element to Decimal 15966010 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
#F39F3A }
```

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

```
.border{ border-color:#F39F3A }
```

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

Here you see how a box with a 4 pixel #F39F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F39F3A; -webkit-box-shadow:4px 4px  
4px 4px #F39F3A; box-shadow:4px 4px 4px  
4px #F39F3A }
```

Background

The CSS property to change the background color of an element to Decimal 15966010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F39F3A }
```

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

```
.background{ background-color:#F39F3A }
```

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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