

Converting Colors

Decimal(16149010)

Have a look what the booklet for
Decimal(16149010) contains.

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Color

Decimal(16149010)

Conversions

Conversions Part 1

Format	Color
Hex	F66A12
RGB	246, 106, 18
RGB Percent	96%, 42%, 7%
CMY	0.0353, 0.5843, 0.9294
CMYK	0.00, 0.57, 0.93, 0.04
HSL	23°, 93%, 52%
HSV	23°, 93%, 96%
XYZ	43.2693, 29.9446, 4.0716
YIQ	137.8280, 111.6880, 2.3120

Conversions

Conversions Part 2

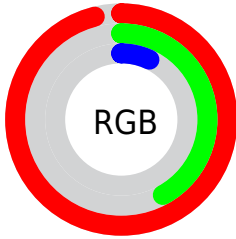
Format	Color
R _Y B	246, 161, 18
Decimal	16149010
CIE Lab	61.61, 50.13, 66.92
CIE LCh	62, 83.615, 53.167
Yxy	29.9446, 0.5599, 0.3875
Android (android.graphics.Color)	4294339090 (0xFFFF66A12)
YUV	137.8280, -59.0752, 94.8668
Hunter-Lab	54.7216, 45.3799, 33.8936

Details

The Decimal color **16149010** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **1220342**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16752972**, and **11940864** is the 20% darker color. If you saturate the color by 10%, you get **16146176**, and if you desaturate by 10%, it is **16152875**.

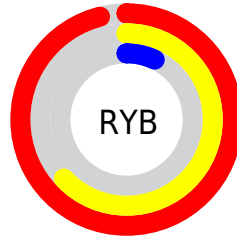
Distribution



Red (96%)

Green (42%)

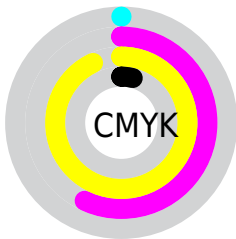
Blue (7%)



Red (96%)

Yellow (63%)

Blue (7%)

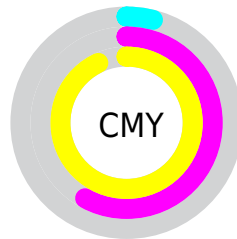


Cyan (0%)

Magenta (57%)

Yellow (93%)

Black (4%)



Cyan (4%)




















Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16149010 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 16149010 by changing the saturation by 10% instead.

 16149010	 16149010
16777215	 14044928
 16752972	 11940864
 16760167	 9835520
 16767361	 7798784
 16774813	 5767168
 16777145	 3997698
 16777173	 1769473
 16777202	 0
 16149010	 16149010

16146176

16152875

16156739

16160604

16164468

16168589

16172454

16176318

16180183

16184047

Harmonies

Analogous

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



16728672



16149010



12749824

Triad

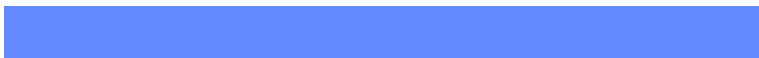
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16149010



46209



6588927

Complementary

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



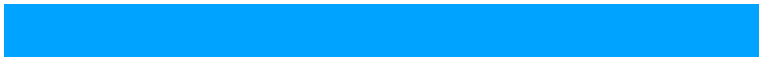
16149010



1220342

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.



41983



16149010



46541

Square

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



16149010



44594



45567



14377455

Rectangle

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



16149010



9870336



45567



37887

Sweetspot

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



16149010



16765880



16126623



8414548



0



8421504

Same Dimension

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



16149010



16736768



16177938



8024942



12208128



3872512

Inverse Universe

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



1220342



40447



1191414



7239290



29370



9275

Previews

White Background



This preview shows how the Decimal color 16149010 looks on a white background.

Color Contrast Check

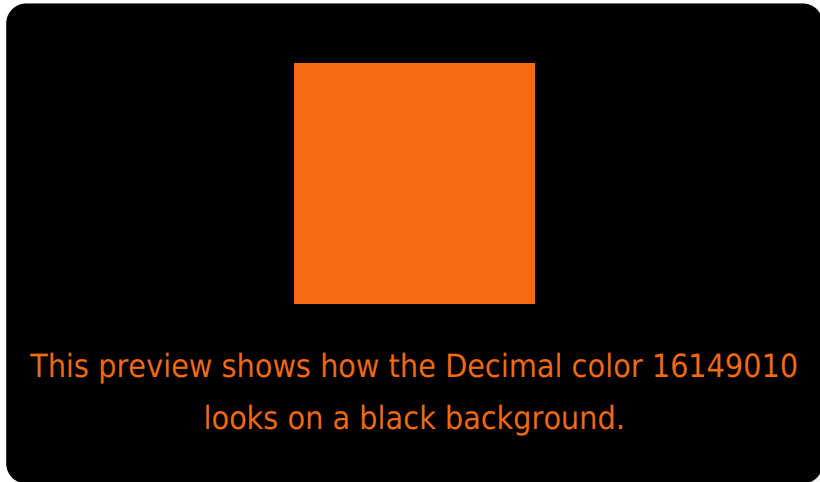
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16149010 Background



This preview shows how black text looks on a background with the Decimal color 16149010.



This preview shows how white text looks on a background with the Decimal color 16149010.

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
16149010

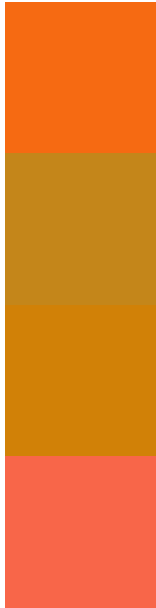
Protanopia
11048478

Deuteranopia
12357120



Tritanopia
16343913

Trichromacy



Original Color
16149010

Protanomaly
12879386

Deuteranomaly
13730055

Tritanomaly
16279113

Monochromacy



Original Color
16149010

Achromatopsia
9079434

Achromatomaly
11632222

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16149010 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 #F66A12 looks like.

```
.text, #text, p{  
  color:#F66A12  
}
```

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 #F66A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F66A12
}
```

Border

The CSS property to change the border of an element to Decimal 16149010 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
#F66A12 }
```

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

```
.border{ border-color:#F66A12 }
```

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

Here you see how a box with a 4 pixel #F66A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F66A12; -webkit-box-shadow:4px 4px  
4px 4px #F66A12; box-shadow:4px 4px 4px  
4px #F66A12 }
```

Background

The CSS property to change the background color of an element to Decimal 16149010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F66A12 }
```

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

```
.background{ background-color:#F66A12 }
```

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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