

Converting Colors

Decimal(16218916)

Have a look what the booklet for
Decimal(16218916) contains.

Decimal(16218916)	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(16218916)

Conversions

Conversions Part 1

Format	Color
Hex	F77B24
RGB	247, 123, 36
RGB Percent	97%, 48%, 14%
CMY	0.0314, 0.5176, 0.8588
CMYK	0.00, 0.50, 0.85, 0.03
HSL	25°, 93%, 55%
HSV	25°, 85%, 97%
XYZ	45.7592, 34.0674, 5.8330
YIQ	150.1580, 101.8310, -0.7690

Conversions

Conversions Part 2

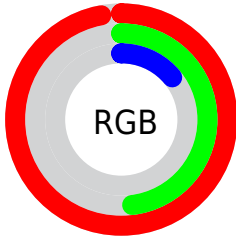
Format	Color
R _Y B	247, 184, 36
Decimal	16218916
CIE Lab	65.02, 42.67, 64.29
CIE LCh	65, 77.160, 56.427
Yxy	34.0674, 0.5342, 0.3977
Android (android.graphics.Color)	4294408996 (0xFFFF77B24)
YUV	150.1580, -56.2799, 84.9304
Hunter-Lab	58.3673, 37.7987, 34.9320

Details

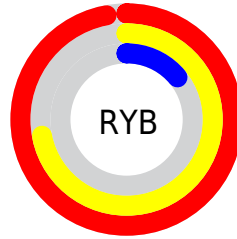
The Decimal color **16218916** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **2400503**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16757082**, and **12011264** is the 20% darker color. If you saturate the color by 10%, you get **16215051**, and if you desaturate by 10%, it is **16222781**.

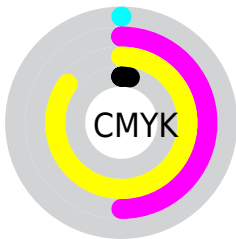
Distribution



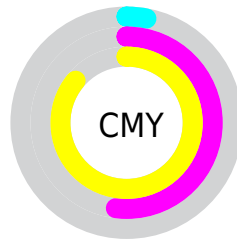
- Red (97%)
- Green (48%)
- Blue (14%)



- Red (97%)
- Yellow (72%)
- Blue (14%)



- Cyan (0%)
- Magenta (50%)
- Yellow (85%)
- Black (3%)





















- Cyan (3%)
- Magenta (52%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16218916 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 16218916 by changing the saturation by 10% instead.

 16218916	 16218916
16777215	 14115072
 16757082	 12011264
 16764277	 9972992
 16771728	 7933952
 16777131	 5963776
 16777159	 4128768
 16777188	 2293761
	 0
 16218916	 16218916

16215051

16222781

16213504

16226389

16230254

16233863

16237728

16241336

16245201

16248810

16252671

Harmonies

Analogous

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



16735333



16218916



12883968

Triad

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



16218916



48275



9015295

Complementary

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



16218916



2400503

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.



43519



16218916



48602

Square

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



16218916



46924



47103



15232491

Rectangle

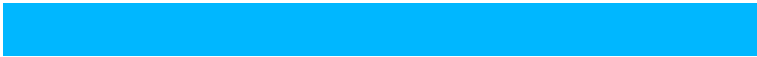
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16218916



10135040



47103



5020159

Sweetspot

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



16218916



16767165



16196771



8415320



0



8421504

Same Dimension

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



16218916



16738560



16245284



8024942



12209408



3872768

Inverse Universe

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



2400503



38655



2374135



7239034



28090



8763

Previews

White Background



This preview shows how the Decimal color 16218916 looks on a white background.

Color Contrast Check

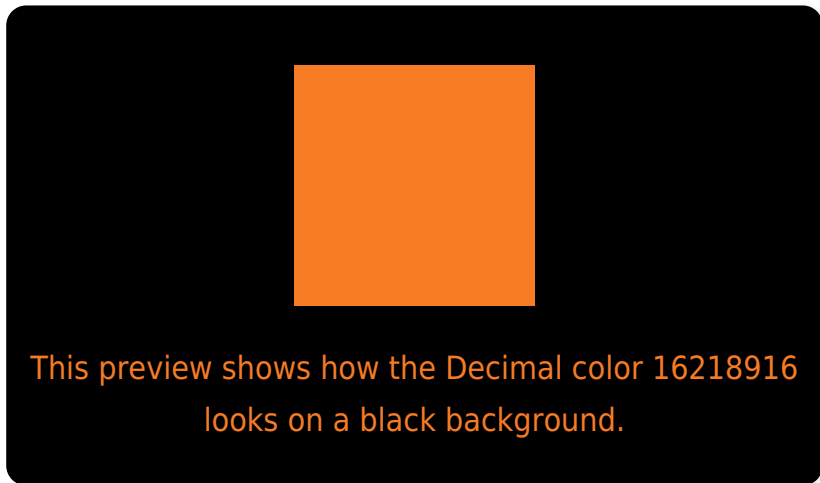
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 16218916 Background



This preview shows how black text looks on a background with the Decimal color 16218916.

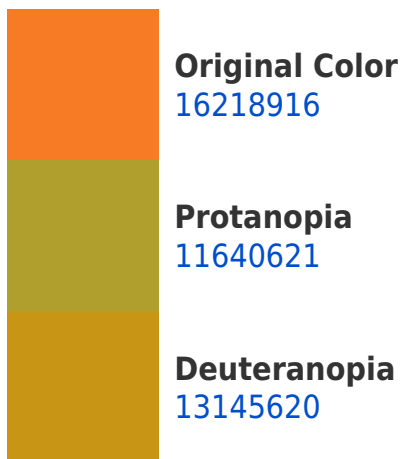



This preview shows how white text looks on a background with the Decimal color 16218916.

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
16413563

Trichromacy



Original Color
16218916

Protanomaly
13275690

Deuteranomaly
14257178

Tritanomaly
16348763

Monochromacy



Original Color
16218916

Achromatopsia
9868950

Achromatomaly
12160109

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16218916 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 #F77B24 looks like.

```
.text, #text, p{  
  color:#F77B24  
}
```

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 #F77B24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F77B24
}
```

Border

The CSS property to change the border of an element to Decimal 16218916 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
#F77B24 }
```

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

```
.border{ border-color:#F77B24 }
```

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

Here you see how a box with a 4 pixel #F77B24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F77B24; -webkit-box-shadow:4px 4px  
4px 4px #F77B24; box-shadow:4px 4px 4px  
4px #F77B24 }
```

Background

The CSS property to change the background color of an element to Decimal 16218916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F77B24 }
```

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

```
.background{ background-color:#F77B24 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor