

Converting Colors

Decimal(16415766)

Have a look what the booklet for
Decimal(16415766) contains.

Decimal(16415766)	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(16415766)

Conversions

Conversions Part 1

Format	Color
Hex	FA7C16
RGB	250, 124, 22
RGB Percent	98%, 49%, 9%
CMY	0.0196, 0.5137, 0.9137
CMYK	0.00, 0.50, 0.91, 0.02
HSL	27°, 96%, 53%
HSV	27°, 91%, 98%
XYZ	46.7768, 34.7972, 5.0102
YIQ	150.0460, 107.8380, -5.0100

Conversions

Conversions Part 2

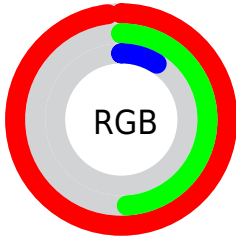
Format	Color
R _Y B	250, 207, 22
Decimal	16415766
CIE Lab	65.59, 43.08, 69.00
CIE LCh	66, 81.347, 58.025
Yxy	34.7972, 0.5402, 0.4019
Android (android.graphics.Color)	4294605846 (0xFFFA7C16)
YUV	150.0460, -63.1267, 87.6597
Hunter-Lab	58.9892, 38.3146, 36.2567

Details

The Decimal color **16415766** 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 **1479930**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16757329**, and **12208128** is the 20% darker color. If you saturate the color by 10%, you get **16412672**, and if you desaturate by 10%, it is **16419375**.

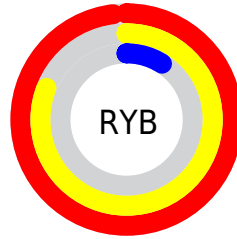
Distribution



Red (98%)

Green (49%)

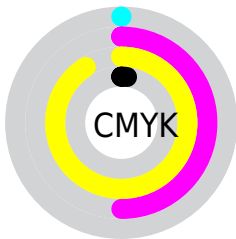
Blue (9%)



Red (98%)

Yellow (81%)

Blue (9%)

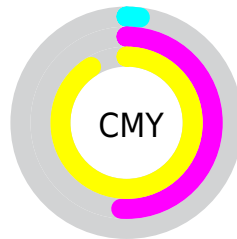


Cyan (0%)

Magenta (50%)

Yellow (91%)

Black (2%)



Cyan (2%)




















Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16415766 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 16415766 by changing the saturation by 10% instead.

 16415766	 16415766
16777215	 14311936
 16757329	 12208128
 16764524	 10169856
 16771975	 8130816
 16777123	 6160384
 16777151	 4259840
 16777179	 2490369
 16777209	 0
 16415766	 16415766

16412672

16419375

16422984

16426337

16429946

16433555

16437164

16440773

16444382

16447735

Harmonies

Analogous

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



16734560



16415766



12819200

Triad

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



16415766



49048



9408255

Complementary

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



16415766



1479930

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.



43775



16415766



49122

Square

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



16415766



47692



47871



15821038

Rectangle

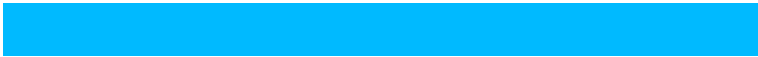
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16415766



9873664



47871



5282303

Sweetspot

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



16415766



16767418



16389783



8415575



0



8421504

Same Dimension

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



16415766



16740864



16444182



8222320



12407808



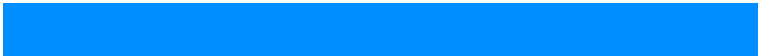
4004608

Inverse Universe

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



1479930



36351



1451514



7370621



26813



8765

Previews

White Background



This preview shows how the Decimal color 16415766 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 16415766 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 16415766 Background



This preview shows how black text looks on a background with the Decimal color 16415766.



This preview shows how white text looks on a background with the Decimal color 16415766.

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
16415766

Protanopia
11837472

Deuteranopia
13276928



Tritanopia
16675707

Trichromacy



Original Color
16415766

Protanomaly
13472540

Deuteranomaly
14388488

Tritanomaly
16610902

Monochromacy



Original Color
16415766

Achromatopsia
9868950

Achromatomaly
12225895

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16415766 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 #FA7C16 looks like.

```
.text, #text, p{  
    color:#FA7C16  
}
```

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 #FA7C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA7C16
}
```

Border

The CSS property to change the border of an element to Decimal 16415766 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
#FA7C16 }
```

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

```
.border{ border-color:#FA7C16 }
```

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

Here you see how a box with a 4 pixel #FA7C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA7C16; -webkit-box-shadow:4px 4px  
4px 4px #FA7C16; box-shadow:4px 4px 4px  
4px #FA7C16 }
```

Background

The CSS property to change the background color of an element to Decimal 16415766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA7C16 }
```

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

```
.background{ background-color:#FA7C16 }
```

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