

Converting Colors

Decimal(16740115)

Have a look what the booklet for
Decimal(16740115) contains.

Decimal(16740115)	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(16740115)

Conversions

Conversions Part 1

Format	Color
Hex	FF6F13
RGB	255, 111, 19
RGB Percent	100%, 44%, 7%
CMY	0.0000, 0.5647, 0.9255
CMYK	0.00, 0.56, 0.93, 0.00
HSL	23°, 100%, 54%
HSV	23°, 93%, 100%
XYZ	47.0420, 32.6759, 4.4438
YIQ	143.5680, 115.3560, 1.9160

Conversions

Conversions Part 2

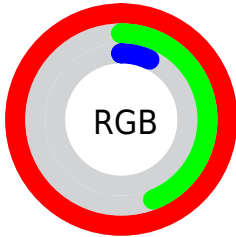
Format	Color
RYB	255, 170, 19
Decimal	16740115
CIELab	63.90, 51.12, 68.90
CIELCh	64, 85.789, 53.425
Yxy	32.6759, 0.5589, 0.3883
Android (android.graphics.Color)	4294930195 (0xFFFF6F13)
YUV	143.5680, -61.4120, 97.7259
Hunter-Lab	57.1628, 46.8611, 35.4048

Details

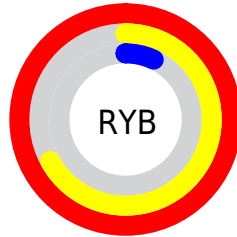
The Decimal color **16740115** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **1287167**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16754254**, and **12466432** is the 20% darker color. If you saturate the color by 10%, you get **16737024**, and if you desaturate by 10%, it is **16744237**.

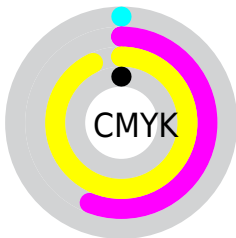
Distribution



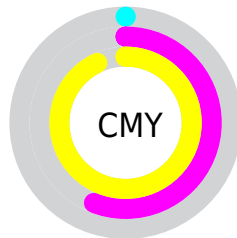
- Red (100%)
- Green (44%)
- Blue (7%)



- Red (100%)
- Yellow (67%)
- Blue (7%)



- Cyan (0%)
- Magenta (56%)
- Yellow (93%)
- Black (0%)















- Cyan (0%)
- Magenta (56%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16740115 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 16740115 by changing the saturation by 10% instead.

 16740115	 16740115
16777215	 14570496
 16754254	 12466432
 16761449	 10361344
 16768900	 8323072
 16776351	 6291456
 16777147	 4390913
 16777175	 2490369
 16777205	 0
 16740115	 16740115

16737024

16744237

16748102

16752224

16756089

16760211

16764076

16768198

16772063

16776185

Harmonies

Analogous

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



16729699



16740115



13210112

Triad

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



16740115



48007



6983423

Complementary

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



16740115



1287167

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



16740115



48342

Square

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



16740115



46389



47359



15033847

Rectangle

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



16740115



10199552



47359



39423

Sweetspot

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



16740115



16765880



16716709



8414548



0



8421504

Same Dimension

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



16740115



16737024



16769811



8419443



12536576



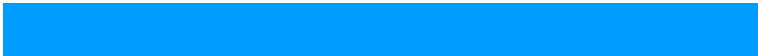
4200704

Inverse Universe

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



1287167



40191



1257471



7568256



30143



10048

Previews

White Background



This preview shows how the Decimal color 16740115 looks on a white background.

Color Contrast Check

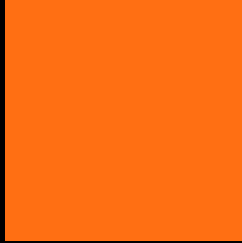
Large Text (above 18pt) WCAG AA × Fail

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 16740115 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 16740115 Background



This preview shows how black text looks on a background with the Decimal color 16740115.

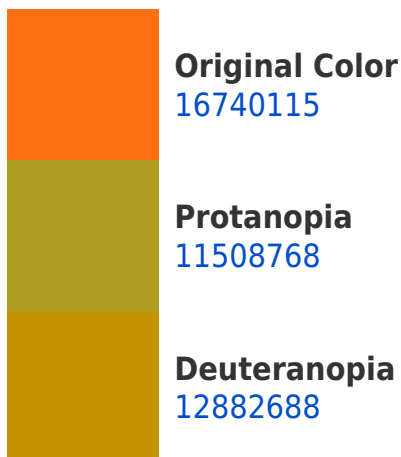


This preview shows how white text looks on a background with the Decimal color 16740115.

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
16738928

Trichromacy



Original Color
16740115

Protanomaly
13405211

Deuteranomaly
14255623

Tritanomaly
16739406

Monochromacy



Original Color
16740115

Achromatopsia
9474192

Achromatomaly
12092515

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16740115 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 #FF6F13 looks like.

```
.text, #text, p{  
  color:#FF6F13  
}
```

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 #FF6F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6F13
}
```

Border

The CSS property to change the border of an element to Decimal 16740115 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
#FF6F13 }
```

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

```
.border{ border-color:#FF6F13 }
```

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

Here you see how a box with a 4 pixel #FF6F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6F13; -webkit-box-shadow:4px 4px  
4px 4px #FF6F13; box-shadow:4px 4px 4px  
4px #FF6F13 }
```

Background

The CSS property to change the background color of an element to Decimal 16740115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6F13 }
```

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

```
.background{ background-color:#FF6F13 }
```

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