

# Converting Colors

Decimal(16740096)

Have a look what the booklet for  
Decimal(16740096) contains.

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# **Color**

**Decimal(16740096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6F00
RGB	255, 111, 0
RGB Percent	100%, 44%, 0%
CMY	0.0000, 0.5647, 1.0000
CMYK	0.00, 0.56, 1.00, 0.00
HSL	26°, 100%, 50%
HSV	26°, 100%, 100%
XYZ	46.9244, 32.6289, 3.8248
YIQ	141.4020, 121.4550, -3.9930

# Conversions

## Conversions Part 2

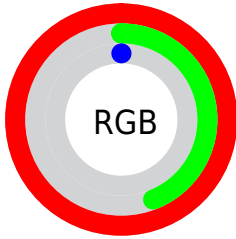
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 197, 0
Decimal	16740096
CIE Lab	63.86, 50.95, 72.19
CIE LCh	64, 88.360, 54.783
Yxy	32.6289, 0.5628, 0.3913
Android (android.graphics.Color)	4294930176 (0xFFFF6F00)
YUV	141.4020, -69.7112, 99.6254
Hunter-Lab	57.1217, 46.6716, 36.0152

# Details

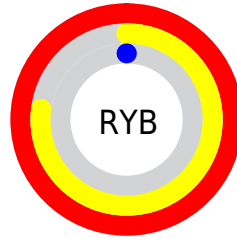
The Decimal color **16740096** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **37119**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16754246**, and **12466432** is the 20% darker color. If you saturate the color by 10%, you get **16740096**, and if you desaturate by 10%, it is **16743705**.

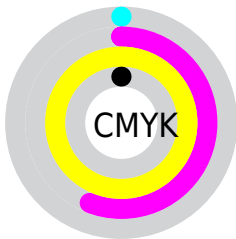
# Distribution



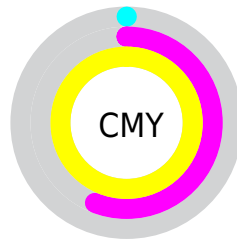
- Red (100%)
- Green (44%)
- Blue (0%)



- Red (100%)
- Yellow (77%)
- Blue (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)
- Black (0%)




















- Cyan (0%)
- Magenta (56%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16740096 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 16740096 by changing the saturation by 10% instead.



 16740096	 16740096
16777215	 14570496
 16754246	 12466432
 16761441	 10361344
 16768892	 8257536
 16776344	 6291456
 16777140	 4390913
 16777168	 2490369
 16777197	 0

 16740096

 16743705

 16747571

 16751181

 16755046

 16758656

 16762265

 16766131

 16769740

 16773606

# Harmonies

## Analogous

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



16728670



16740096



13013760

# Triad

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



16740096



48266



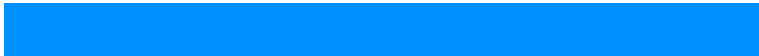
7376127

# Complementary

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



16740096



37119

# 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



16740096



48603

# Square

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



16740096



46645



47359



15360247

# Rectangle

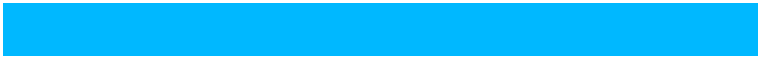
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16740096



9937664



47359



38911



# Sweetspot

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



16740096



16766131



16711824



8414802



0



8421504



# Same Dimension

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



16740096



16772608



8419443



12538624



4201472

# Inverse Universe

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



37119



4607



7568000



27839



9280

# Previews

## White Background



This preview shows how the Decimal color 16740096 looks on a white background.

## Color Contrast Check

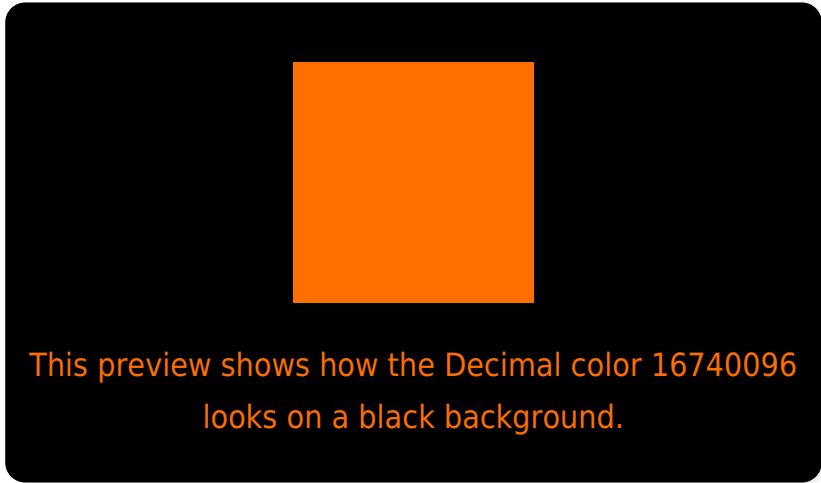
Large Text (above 18pt) WCAG AA × Fail

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 16740096 Background



This preview shows how black text looks on a background with the Decimal color 16740096.

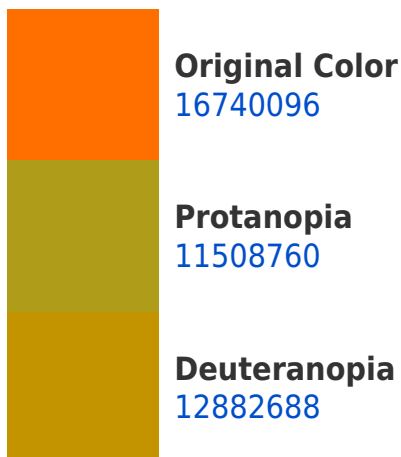


This preview shows how white text looks on a background with the Decimal color 16740096.

# 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**  
16740096

**Protanomaly**  
13405199

**Deuteranomaly**  
14255616

**Tritanomaly**  
16739399

# Monochromacy



**Original Color**  
16740096

**Achromatopsia**  
9276813

**Achromatomaly**  
11960922

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16740096 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 #FF6F00 looks like.

```
.text, #text, p{  
    color:#FF6F00  
}
```

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 #FF6F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6F00
}
```

## Border

The CSS property to change the border of an element to Decimal 16740096 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
#FF6F00 }
```

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

```
.border{ border-color:#FF6F00 }
```

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

Here you see how a box with a 4 pixel #FF6F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6F00; -webkit-box-shadow:4px 4px  
4px 4px #FF6F00; box-shadow:4px 4px 4px  
4px #FF6F00 }
```

# Background

The CSS property to change the background color of an element to Decimal 16740096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6F00 }
```

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

```
.background{ background-color:#FF6F00 }
```

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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