

Converting Colors

Decimal(16736256)

Have a look what the booklet for
Decimal(16736256) contains.

Decimal(16736256)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(16736256)

Conversions

Conversions Part 1

Format	Color
Hex	FF6000
RGB	255, 96, 0
RGB Percent	100%, 38%, 0%
CMY	0.0000, 0.6235, 1.0000
CMYK	0.00, 0.62, 1.00, 0.00
HSL	23°, 100%, 50%
HSV	23°, 100%, 100%
XYZ	45.4229, 29.6257, 3.3243
YIQ	132.5970, 125.5800, 3.8520

Conversions

Conversions Part 2

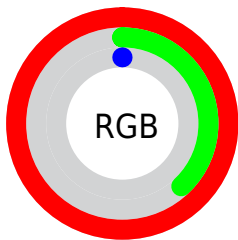
Format	Color
R_{YB}	255, 154, 0
Decimal	16736256
CIE _{Lab}	61.33, 57.60, 70.82
CIE _{LCh}	61, 91.283, 50.879
Yxy	29.6257, 0.5796, 0.3780
Android (android.graphics.Color)	4294926336 (0xFFFF6000)
YUV	132.5970, -65.3703, 107.3474
Hunter-Lab	54.4295, 53.7112, 34.4795

Details

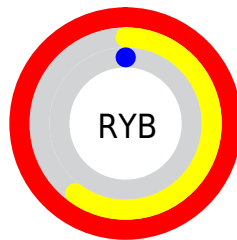
The Decimal color **16736256** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **40959**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16750659**, and **12395520** is the 20% darker color. If you saturate the color by 10%, you get **16736256**, and if you desaturate by 10%, it is **16740377**.

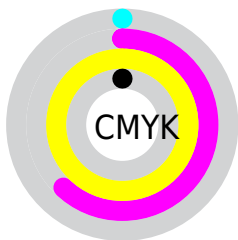
Distribution



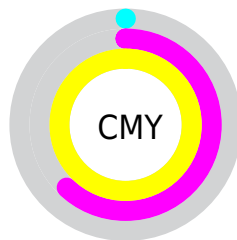
- Red (100%)
- Green (38%)
- Blue (0%)



- Red (100%)
- Yellow (60%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)
- Black (0%)



















- Cyan (0%)
- Magenta (62%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16736256 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 16736256 by changing the saturation by 10% instead.

 16736256	 16736256
16777215	 14566400
 16750659	 12395520
 16757854	 10289152
 16765305	 8192000
 16772756	 6160384
 16777136	 4325378
 16777165	 2228225
 16777193	 0

 16736256

 16740377

 16744499

 16748621

 16752742

 16756864

 16760729

 16764851

 16768972

 16773094

Harmonies

Analogous

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



16722016



16736256



13142016

Triad

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



16736256



46456



3836671

Complementary

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



16736256



40959

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.



42751



16736256



46796

Square

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



16736256



44569



46079



14310907

Rectangle

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



16736256



10066432



46079



38399

Sweetspot

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



16736256



16764851



16711841



8414034



0



8421504

Same Dimension

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



16736256



16768256



8419443



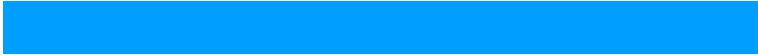
12535808



4200448

Inverse Universe

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



40959



8959



7568256



30655



10304

Previews

White Background



This preview shows how the Decimal color 16736256 looks on a white background.

Color Contrast Check

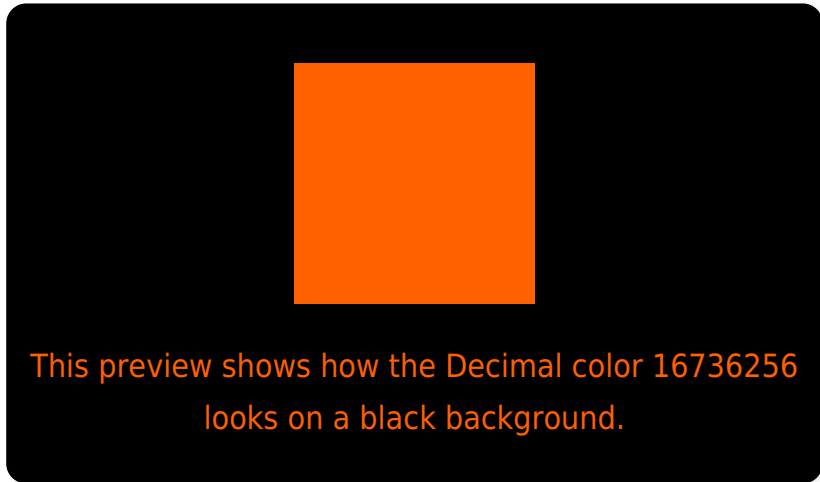
Large Text (above 18pt) WCAG AA ✓ Pass

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 16736256 Background



This preview shows how black text looks on a background with the Decimal color 16736256.



This preview shows how white text looks on a background with the Decimal color 16736256.

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
16736256

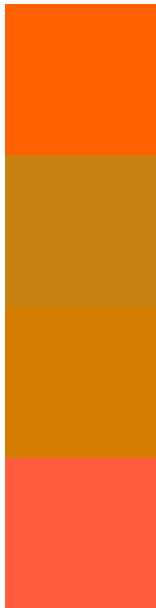
Protanopia
10982682

Deuteranopia
12291328



Tritanopia
16735072

Trichromacy



Original Color
16736256

Protanomaly
13074961

Deuteranomaly
13925632

Tritanomaly
16735549

Monochromacy



Original Color
16736256

Achromatopsia
8750469

Achromatomaly
11630677

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16736256 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 #FF6000 looks like.

```
.text, #text, p{  
    color:#FF6000  
}
```

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 #FF6000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6000
}
```

Border

The CSS property to change the border of an element to Decimal 16736256 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
#FF6000 }
```

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

```
.border{ border-color:#FF6000 }
```

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

Here you see how a box with a 4 pixel #FF6000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6000; -webkit-box-shadow:4px 4px  
4px 4px #FF6000; box-shadow:4px 4px 4px  
4px #FF6000 }
```

Background

The CSS property to change the background color of an element to Decimal 16736256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6000 }
```

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

```
.background{ background-color:#FF6000 }
```

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