

Converting Colors

Decimal(16542720)

Have a look what the booklet for
Decimal(16542720) contains.

Decimal(16542720)	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(16542720)

Conversions

Conversions Part 1

Format	Color
Hex	FC6C00
RGB	252, 108, 0
RGB Percent	99%, 42%, 0%
CMY	0.0118, 0.5765, 1.0000
CMYK	0.00, 0.57, 1.00, 0.01
HSL	26°, 100%, 49%
HSV	26°, 100%, 99%
XYZ	45.5074, 31.4206, 3.6663
YIQ	138.7440, 120.4920, -3.0600

Conversions

Conversions Part 2

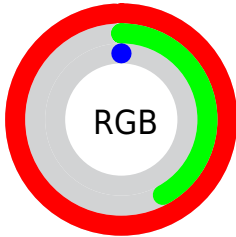
Format	Color
RYB	252, 189, 0
Decimal	16542720
CIELab	62.86, 51.24, 71.38
CIELCh	63, 87.870, 54.330
Yxy	31.4206, 0.5646, 0.3899
Android (android.graphics.Color)	4294732800 (0xFFFC6C00)
YUV	138.7440, -68.4008, 99.3255
Hunter-Lab	56.0541, 46.8205, 35.3599

Details

The Decimal color **16542720** 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 **371116**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16753477**, and **12268800** is the 20% darker color. If you saturate the color by 10%, you get **16542720**, and if you desaturate by 10%, it is **16546329**.

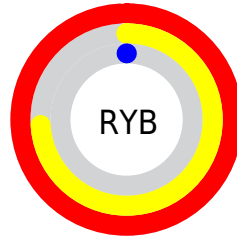
Distribution



Red (99%)

Green (42%)

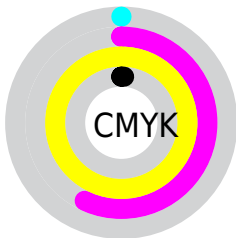
Blue (0%)



Red (99%)

Yellow (74%)

Blue (0%)

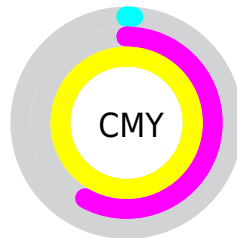


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (1%)



Cyan (1%)



















Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16542720 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 16542720 by changing the saturation by 10% instead.

 16542720	 16542720
 16777215	 14373120
 16753477	 12268800
 16760672	 10163712
 16768123	 8126464
 16775575	 6094848
 16777139	 4259841
 16777167	 2228225
 16777196	 0

 16542720

 16546329

 16550194

 16553804

 16557669

 16561278

 16564887

 16568752

 16572362

 16576227

Harmonies

Analogous

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



16727901



16542720



12881920

Triad

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



16542720



47494



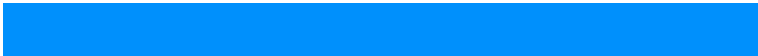
6982399

Complementary

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



16542720



37116

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.



43007



16542720



47831

Square

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



16542720



45874



46591



15032309

Rectangle

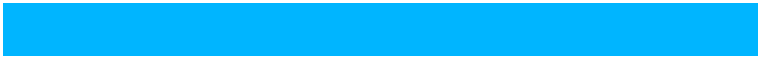
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16542720



9805824



46591



38399

Sweetspot

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



16542720



16765875



16515219



8414546



0



8421504

Same Dimension

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



16542720



16739584



16574208



8222320



12407040



4004352

Inverse Universe

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



37116



37631



5628



7370877



27837



9021

Previews

White Background



This preview shows how the Decimal color 16542720 looks on a white background.

Color Contrast Check

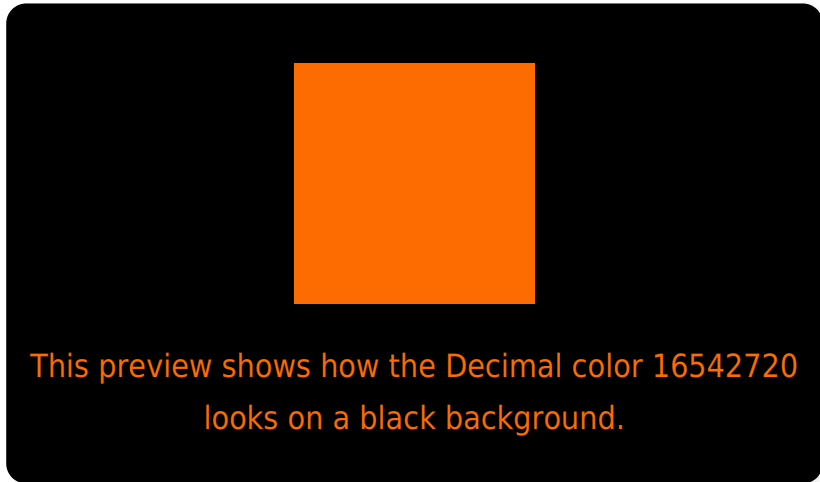
Large Text (above 18pt) WCAG AA × Fail

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 16542720 Background



This preview shows how black text looks on a background with the Decimal color 16542720.



This preview shows how white text looks on a background with the Decimal color 16542720.

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
16542720

Protanopia
11311384

Deuteranopia
12685568

Trichromacy



Original Color
16542720

Protanomaly
13207823

Deuteranomaly
14058496

Tritanomaly
16672580

Monochromacy



Original Color
16542720

Achromatopsia
9145227

Achromatomaly
11829336

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16542720 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 #FC6C00 looks like.

```
.text, #text, p{  
    color:#FC6C00  
}
```

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 #FC6C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC6C00
}
```

Border

The CSS property to change the border of an element to Decimal 16542720 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
#FC6C00 }
```

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

```
.border{ border-color:#FC6C00 }
```

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

Here you see how a box with a 4 pixel #FC6C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC6C00; -webkit-box-shadow:4px 4px  
4px 4px #FC6C00; box-shadow:4px 4px 4px  
4px #FC6C00 }
```

Background

The CSS property to change the background color of an element to Decimal 16542720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC6C00 }
```

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

```
.background{ background-color:#FC6C00 }
```

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