

Converting Colors

Decimal(16738560)

Have a look what the booklet for
Decimal(16738560) contains.

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Color

Decimal(16738560)

Conversions

Conversions Part 1

Format	Color
Hex	FF6900
RGB	255, 105, 0
RGB Percent	100%, 41%, 0%
CMY	0.0000, 0.5882, 1.0000
CMYK	0.00, 0.59, 1.00, 0.00
HSL	25°, 100%, 50%
HSV	25°, 100%, 100%
XYZ	46.2916, 31.3632, 3.6139
YIQ	137.8800, 123.1050, -0.8550

Conversions

Conversions Part 2

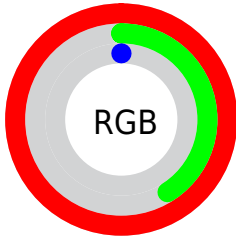
Format	Color
R _Y B	255, 179, 0
Decimal	16738560
CIE Lab	62.81, 53.68, 71.61
CIE LCh	63, 89.497, 53.145
Yxy	31.3632, 0.5696, 0.3859
Android (android.graphics.Color)	4294928640 (0xFFFF6900)
YUV	137.8800, -67.9748, 102.7142
Hunter-Lab	56.0028, 49.5421, 35.3760

Details

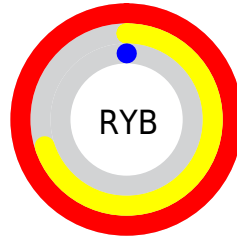
The Decimal color **16738560** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **38655**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16752709**, and **12464384** is the 20% darker color. If you saturate the color by 10%, you get **16738560**, and if you desaturate by 10%, it is **16742425**.

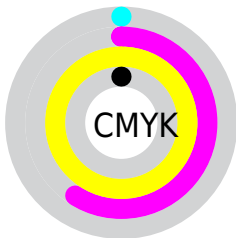
Distribution



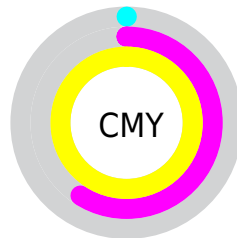
- Red (100%)
- Green (41%)
- Blue (0%)



- Red (100%)
- Yellow (70%)
- Blue (0%)



- Cyan (0%)
- Magenta (59%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (59%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16738560 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 16738560 by changing the saturation by 10% instead.

 16738560	 16738560
 16777215	 14568960
 16752709	 12464384
 16759904	 10292480
 16767355	 8257536
 16774806	 6225920
 16777138	 4390913
 16777167	 2359297
 16777196	 0
 16738560	

 16742425

 16746291

 16750157

 16754022

 16757888

 16761753

 16765619

 16769484

 16773350

Harmonies

Analogous

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



16726367



16738560



13078016

Triad

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



16738560



47490



6196223

Complementary

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



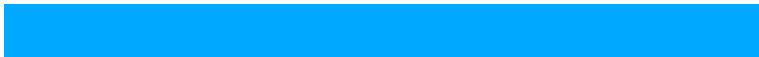
16738560



38655

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.



43263



16738560



47829

Square

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



16738560



45867



46847



14901241

Rectangle

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



16738560



10002176



46847



38655

Sweetspot

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



16738560



16765619



16711833



8414546



0



8421504

Same Dimension

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



16738560



16770304



8419443



12537600



4200960

Inverse Universe

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



38655



6655



7568000



29119



9792

Previews

White Background



This preview shows how the Decimal color 16738560 looks on a white background.

Color Contrast Check

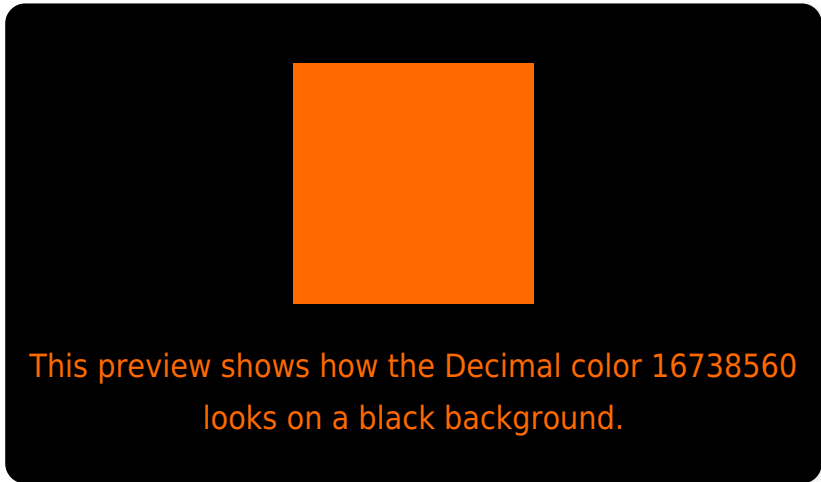
Large Text (above 18pt) WCAG AA × Fail

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 16738560 Background



This preview shows how black text looks on a background with the Decimal color 16738560.



This preview shows how white text looks on a background with the Decimal color 16738560.

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
16738560

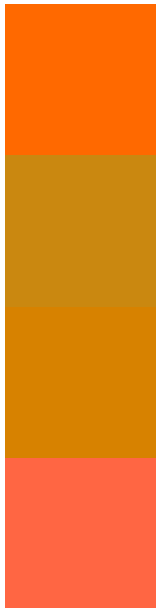
Protanopia
11311385

Deuteranopia
12620032



Tritanopia
16737386

Trichromacy



Original Color
16738560

Protanomaly
13273104

Deuteranomaly
14123520

Tritanomaly
16737859

Monochromacy



Original Color
16738560

Achromatopsia
9079434

Achromatomaly
11894360

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16738560 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 #FF6900 looks like.

```
.text, #text, p{  
    color:#FF6900  
}
```

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 #FF6900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6900
}
```

Border

The CSS property to change the border of an element to Decimal 16738560 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
#FF6900 }
```

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

```
.border{ border-color:#FF6900 }
```

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

Here you see how a box with a 4 pixel #FF6900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6900; -webkit-box-shadow:4px 4px  
4px 4px #FF6900; box-shadow:4px 4px 4px  
4px #FF6900 }
```

Background

The CSS property to change the background color of an element to Decimal 16738560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6900 }
```

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

```
.background{ background-color:#FF6900 }
```

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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