

Converting Colors

Decimal(16744960)

Have a look what the booklet for
Decimal(16744960) contains.

Decimal(16744960)	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(16744960)

Conversions

Conversions Part 1

Format	Color
Hex	FF8200
RGB	255, 130, 0
RGB Percent	100%, 51%, 0%
CMY	0.0000, 0.4902, 1.0000
CMYK	0.00, 0.49, 1.00, 0.00
HSL	31°, 100%, 50%
HSV	31°, 100%, 100%
XYZ	49.2226, 37.2253, 4.5909
YIQ	152.5550, 116.2300, -13.9300

Conversions

Conversions Part 2

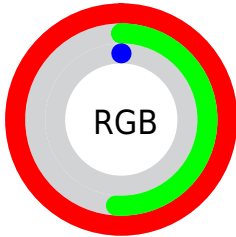
Format	Color
R _Y B	245, 255, 0
Decimal	16744960
CIE Lab	67.45, 41.84, 74.26
CIE LCh	67, 85.239, 60.600
Yxy	37.2253, 0.5407, 0.4089
Android (android.graphics.Color)	4294935040 (0xFFFF8200)
YUV	152.5550, -75.2096, 89.8443
Hunter-Lab	61.0125, 37.2353, 38.2475

Details

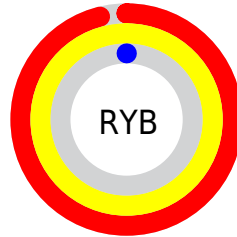
The Decimal color **16744960** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **32255**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16758857**, and **12537344** is the 20% darker color. If you saturate the color by 10%, you get **16744960**, and if you desaturate by 10%, it is **16748313**.

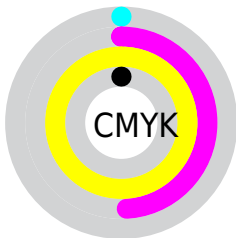
Distribution



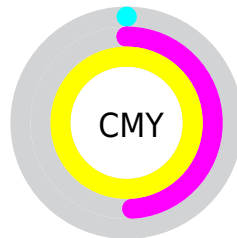
- Red (100%)
- Green (51%)
- Blue (0%)



- Red (96%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (100%)
- Black (0%)










- Cyan (0%)
- Magenta (49%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16744960 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 16744960 by changing the saturation by 10% instead.

 16744960	 16744960
 16777215	 14641152
 16758857	 12537344
 16766309	 10433536
 16773504	 8395008
 16777116	 6422528
 16777144	 4521984
 16777173	 2818049
 16777202	 0

 16744960

 16748313

 16751411

 16754765

 16757862

 16761216

 16764313

 16767667

 16770764

 16774118

Harmonies

Analogous

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



16735067



16744960



12886528

Triad

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



16744960



50852



10457087

Complementary

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



16744960



32255

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.



44799



16744960



50929

Square

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



16744960



49491



49151



16738033

Rectangle

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



16744960



9678848



49151



6593535

Sweetspot

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



16744960



16767667



16711808



8415570



0



8421504

Same Dimension

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



16744960



16776960



8419699



12542464



4202752

Inverse Universe

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



32255



255



7567744



24255



8000

Previews

White Background



This preview shows how the Decimal color 16744960 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 16744960 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 16744960 Background



This preview shows how black text looks on a background with the Decimal color 16744960.



This preview shows how white text looks on a background with the Decimal color 16744960.

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
16744960

Protanopia
12231958

Deuteranopia
13671424



Tritanopia
16743555

Trichromacy



Original Color
16744960

Protanomaly
13867022

Deuteranomaly
14783232

Tritanomaly
16744019

Monochromacy



Original Color
16744960

Achromatopsia
10066329

Achromatomaly
12489057

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16744960 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 #FF8200 looks like.

```
.text, #text, p{  
  color:#FF8200  
}
```

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 #FF8200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8200
}
```

Border

The CSS property to change the border of an element to Decimal 16744960 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
#FF8200 }
```

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

```
.border{ border-color:#FF8200 }
```

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

Here you see how a box with a 4 pixel #FF8200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8200; -webkit-box-shadow:4px 4px  
4px 4px #FF8200; box-shadow:4px 4px 4px  
4px #FF8200 }
```

Background

The CSS property to change the background color of an element to Decimal 16744960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8200 }
```

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

```
.background{ background-color:#FF8200 }
```

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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