

Converting Colors

Decimal(16736320)

Have a look what the booklet for
Decimal(16736320) contains.

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Color

Decimal(16736320)

Conversions

Conversions Part 1

Format	Color
Hex	FF6040
RGB	255, 96, 64
RGB Percent	100%, 38%, 25%
CMY	0.0000, 0.6235, 0.7490
CMYK	0.00, 0.62, 0.75, 0.00
HSL	10°, 100%, 63%
HSV	10°, 75%, 100%
XYZ	46.3483, 29.9959, 8.1975
YIQ	139.8930, 105.0360, 23.7560

Conversions

Conversions Part 2

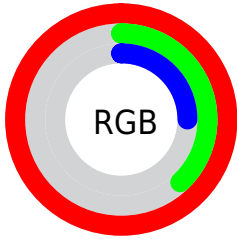
Format	Color
RYB	255, 102, 64
Decimal	16736320
CIELab	61.65, 58.85, 49.43
CIELCh	62, 76.855, 40.028
Yxy	29.9959, 0.5482, 0.3548
Android (android.graphics.Color)	4294926400 (0xFFFF6040)
YUV	139.8930, -37.4152, 100.9488
Hunter-Lab	54.7685, 55.2121, 29.4638

Details

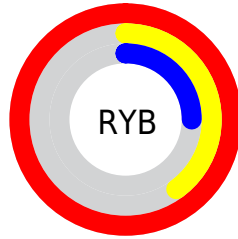
The Decimal color **16736320** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4251647**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **16750706**, and **12526352** is the 20% darker color. If you saturate the color by 10%, you get **16730918**, and if you desaturate by 10%, it is **16741722**.

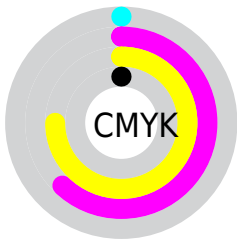
Distribution



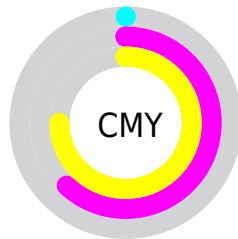
- Red (100%)
- Green (38%)
- Blue (25%)



- Red (100%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (75%)
- Black (0%)


















- Cyan (0%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16736320 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 16736320 by changing the saturation by 10% instead.

 16736320	 16736320
 16777215	 14631720
 16750706	 12526352
 16758156	 10420224
 16765606	 8323072
 16773058	 6291456
 16777182	 4456450
 16777211	 2424833
	 0
 16736320	 16736320

■ 16730918

■ 16741722

■ 16725517

■ 16747123

■ 16722688

■ 16752781

■ 16758182

■ 16763584

■ 16768985

■ 16774643

16777215

Harmonies

Analogous

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



16729985



16736320



14123008

Triad

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



16736320



45155



38655

Complementary

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



16736320



4251647

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



16736320



45995

Square

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



16736320



5351448



45803



11761662

Rectangle

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



16736320



11768320



45803



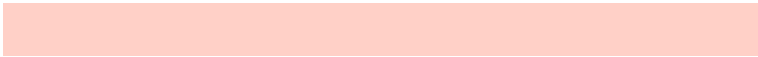
40447

Sweetspot

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



16736320



16765127



16728287



8414302



0



8421504

Same Dimension

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



16736320



16728089



16760640



8418675



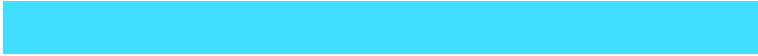
12525568



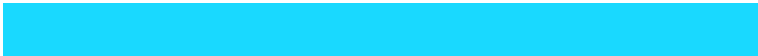
4197120

Inverse Universe

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



4251647



1694207



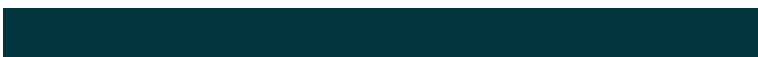
4227327



7568768



40895



13632

Previews

White Background



This preview shows how the Decimal color 16736320 looks on a white background.

Color Contrast Check

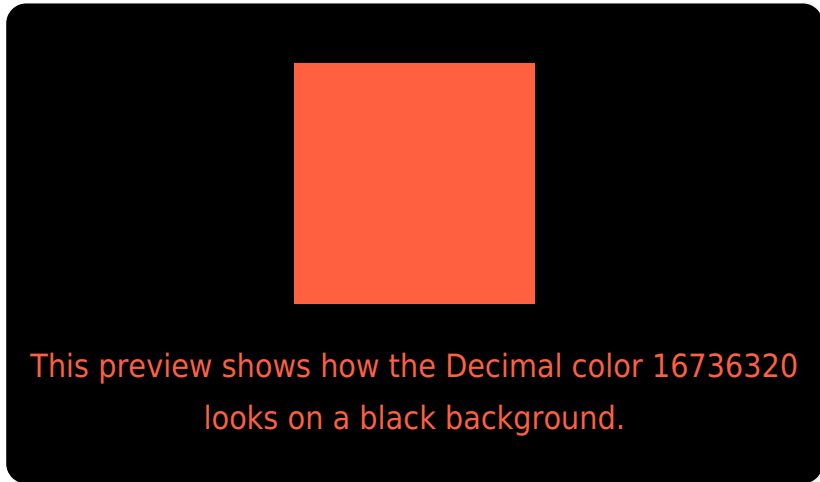
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16736320 Background



This preview shows how black text looks on a background with the Decimal color 16736320.

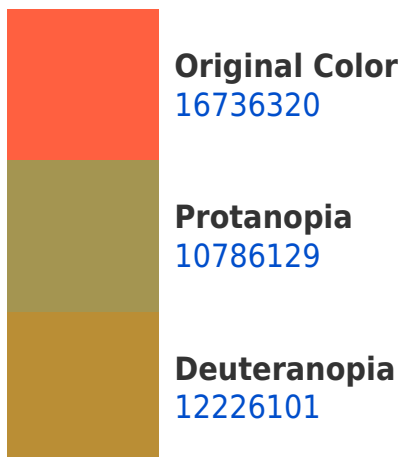


This preview shows how white text looks on a background with the Decimal color 16736320.

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



Trichromacy



Original Color
16736320

Protanomaly
12943947

Deuteranomaly
13860153

Tritanomaly
16735830

Monochromacy



Original Color
16736320

Achromatopsia
9211020

Achromatomaly
11959408

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16736320 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 #FF6040 looks like.

```
.text, #text, p{  
  color:#FF6040  
}
```

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 #FF6040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6040
}
```

Border

The CSS property to change the border of an element to Decimal 16736320 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
#FF6040 }
```

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

```
.border{ border-color:#FF6040 }
```

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

Here you see how a box with a 4 pixel #FF6040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6040; -webkit-box-shadow:4px 4px  
4px 4px #FF6040; box-shadow:4px 4px 4px  
4px #FF6040 }
```

Background

The CSS property to change the background color of an element to Decimal 16736320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6040 }
```

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

```
.background{ background-color:#FF6040 }
```

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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