

Converting Colors

Decimal(16670257)

Have a look what the booklet for
Decimal(16670257) contains.

Decimal(16670257)	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(16670257)

Conversions

Conversions Part 1

Format	Color
Hex	FE5E31
RGB	254, 94, 49
RGB Percent	100%, 37%, 19%
CMY	0.0039, 0.6314, 0.8078
CMYK	0.00, 0.63, 0.81, 0.00
HSL	13°, 99%, 59%
HSV	13°, 81%, 100%
XYZ	45.4301, 29.2980, 6.1664
YIQ	136.7100, 109.8050, 19.9250

Conversions

Conversions Part 2

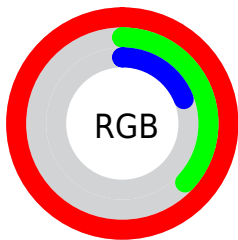
Format	Color
R _Y B	254, 107, 49
Decimal	16670257
CIE Lab	61.04, 58.85, 56.03
CIE LCh	61, 81.257, 43.593
Yxy	29.2980, 0.5616, 0.3622
Android (android.graphics.Color)	4294860337 (0xFFFE5E31)
YUV	136.7100, -43.2410, 102.8633
Hunter-Lab	54.1276, 55.0944, 31.1348

Details

The Decimal color **16670257** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **3265022**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16750179**, and **12394752** is the 20% darker color. If you saturate the color by 10%, you get **16665112**, and if you desaturate by 10%, it is **16675402**.

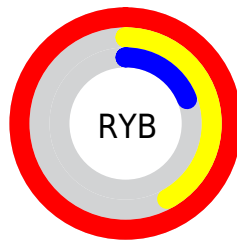
Distribution



Red (100%)

Green (37%)

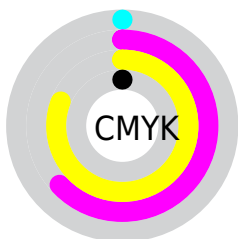
Blue (19%)



Red (100%)

Yellow (42%)

Blue (19%)

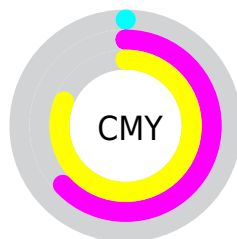


Cyan (0%)

Magenta (63%)

Yellow (81%)

Black (0%)



Cyan (0%)


















Magenta (63%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16670257 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 16670257 by changing the saturation by 10% instead.

 16670257	 16670257
 16777215	 14500119
 16750179	 12394752
 16757629	 10289152
 16764824	 8257536
 16772531	 6225920
 16777167	 4390914
 16777195	 2228225
	 0

 16670257

 16670257

16665112

16675402

16660480

16680548

16685437

16690583

16695728

16700873

16706019

16711164

16711679

Harmonies

Analogous

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



16727414



16670257



13795584

Triad

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



16670257



45160



37375

Complementary

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



16670257



3265022

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



16670257



46003

Square

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



16670257



3778837



45558



12480509

Rectangle

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



16670257



11178752



45558



39679

Sweetspot

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



16670257



16764866



16658898



8414043



0



8421504

Same Dimension

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



16670257



16727560



16696369



8418931



12528128



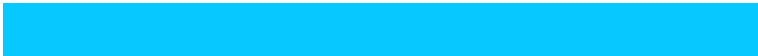
4197888

Inverse Universe

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



3265022



575999



3238910



7568768



38335



12864

Previews

White Background



This preview shows how the Decimal color 16670257 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



This preview shows how the Decimal color 16670257 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 × Fail

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

Decimal 16670257 Background



This preview shows how black text looks on a background with the Decimal color 16670257.



This preview shows how white text looks on a background with the Decimal color 16670257.

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
16670257

Protanopia
10785856

Deuteranopia
12225570

Trichromacy



Original Color
16670257

Protanomaly
12943419

Deuteranomaly
13859623

Tritanomaly
16735054

Monochromacy



Original Color
16670257

Achromatopsia
9013641

Achromatomaly
11827561

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16670257 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 #FE5E31 looks like.

```
.text, #text, p{  
  color:#FE5E31  
}
```

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 #FE5E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE5E31
}
```

Border

The CSS property to change the border of an element to Decimal 16670257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

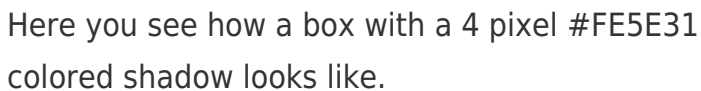
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FE5E31 }
```

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

```
.border{ border-color:#FE5E31 }
```

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



Here you see how a box with a 4 pixel #FE5E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE5E31; -webkit-box-shadow:4px 4px  
4px 4px #FE5E31; box-shadow:4px 4px 4px  
4px #FE5E31 }
```

Background

The CSS property to change the background color of an element to Decimal 16670257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE5E31 }
```

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

```
.background{ background-color:#FE5E31 }
```

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