

# Converting Colors

Decimal(16670251)

Have a look what the booklet for  
Decimal(16670251) contains.

<b>Decimal(16670251)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(16670251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE5E2B
RGB	254, 94, 43
RGB Percent	100%, 37%, 17%
CMY	0.0039, 0.6314, 0.8314
CMYK	0.00, 0.63, 0.83, 0.00
HSL	15°, 99%, 58%
HSV	15°, 83%, 100%
XYZ	45.3118, 29.2507, 5.5432
YIQ	136.0260, 111.7310, 18.0590

# Conversions

## Conversions Part 2

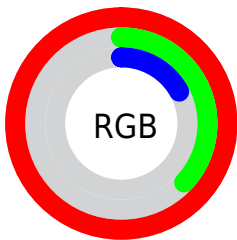
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 110, 43
Decimal	16670251
CIE <sub>Lab</sub>	61.00, 58.69, 58.64
CIE <sub>LCh</sub>	61, 82.963, 44.974
Yxy	29.2507, 0.5657, 0.3652
Android (android.graphics.Color)	4294860331 (0xFFFE5E2B)
YUV	136.0260, -45.8618, 103.4632
Hunter-Lab	54.0839, 54.9016, 31.7819

# Details

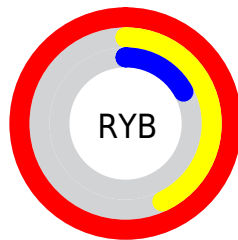
The Decimal color **16670251** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2870270**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16750174**, and **12394752** is the 20% darker color. If you saturate the color by 10%, you get **16665362**, and if you desaturate by 10%, it is **16675140**.

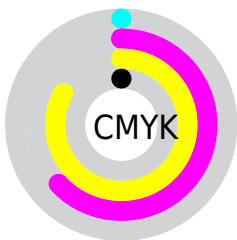
# Distribution



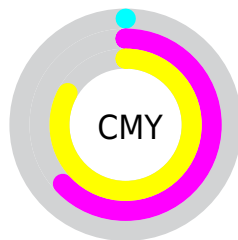
- Red (100%)
- Green (37%)
- Blue (17%)



- Red (100%)
- Yellow (43%)
- Blue (17%)



- Cyan (0%)
- Magenta (63%)
- Yellow (83%)
- Black (0%)














- Cyan (0%)
- Magenta (63%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16670251 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 16670251 by changing the saturation by 10% instead.



 16670251	 16670251
 16777215	 14500111
 16750174	 12394752
 16757624	 10289152
 16764818	 8192000
 16772525	 6160384
 16777161	 4325378
 16777190	 2228225
	 0
 16670251	 16670251

16665362

16675140

16661760

16680286

16685175

16690065

16694954

16700099

16704989

16709878

16711679

# Harmonies

## Analogous

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



16726386



16670251



13664768

# Triad

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



16670251



45418



37119

# Complementary

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



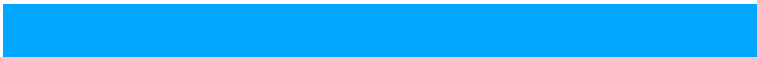
16670251



2870270

# 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.



42751



16670251



46007

# Square

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



16670251



2927125



45562



12741884

# Rectangle

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



16670251



10982400



45562



39423



# Sweetspot

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



16670251



16764863



16657357



8413785



0



8421504



# Same Dimension

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



16670251



16727552



16696875



8418931



12529152



4198144

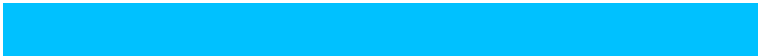


# Inverse Universe

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



2870270



49663



2843646



7568512



37311



12352



# Previews

## White Background



This preview shows how the Decimal color 16670251 looks on a white background.

## Color Contrast Check

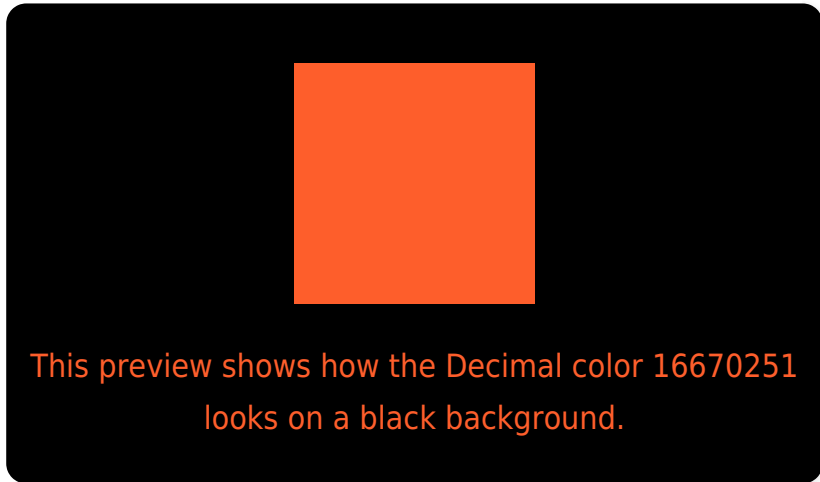
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Decimal 16670251 Background



This preview shows how black text looks on a background with the Decimal color 16670251.



This preview shows how white text looks on a background with the Decimal color 16670251.

# 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**  
16670251

**Protanomaly**  
12943412

**Deuteranomaly**  
13859616

**Tritanomaly**  
16735051

# Monochromacy



**Original Color**  
16670251

**Achromatopsia**  
8947848

**Achromatomaly**  
11762022

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16670251 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 #FE5E2B looks like.

```
.text, #text, p{  
  color:#FE5E2B  
}
```

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 #FE5E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE5E2B
}
```

## Border

The CSS property to change the border of an element to Decimal 16670251 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
#FE5E2B }
```

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

```
.border{ border-color:#FE5E2B }
```

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

Here you see how a box with a 4 pixel #FE5E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE5E2B; -webkit-box-shadow:4px 4px  
4px 4px #FE5E2B; box-shadow:4px 4px 4px  
4px #FE5E2B }
```

# Background

The CSS property to change the background color of an element to Decimal 16670251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE5E2B }
```

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

```
.background{ background-color:#FE5E2B }
```

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