

Converting Colors

Decimal(16213563)

Have a look what the booklet for
Decimal(16213563) contains.

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Color

Decimal(16213563)

Conversions

Conversions Part 1

Format	Color
Hex	F7663B
RGB	247, 102, 59
RGB Percent	97%, 40%, 23%
CMY	0.0314, 0.6000, 0.7686
CMYK	0.00, 0.59, 0.76, 0.03
HSL	14°, 92%, 60%
HSV	14°, 76%, 97%
XYZ	43.8986, 29.5927, 7.5359
YIQ	140.4530, 100.2230, 17.3670

Conversions

Conversions Part 2

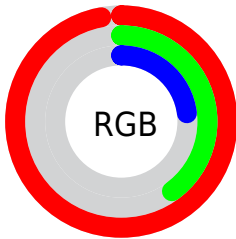
Format	Color
R_{YB}	247, 115, 59
Decimal	16213563
CIE _{Lab}	61.30, 53.30, 51.16
CIE _{LCh}	61, 73.880, 43.829
Yxy	29.5927, 0.5418, 0.3652
Android (android.graphics.Color)	4294403643 (0xFFFF7663B)
YUV	140.4530, -40.1563, 93.4417
Hunter-Lab	54.3991, 48.8459, 29.8659

Details

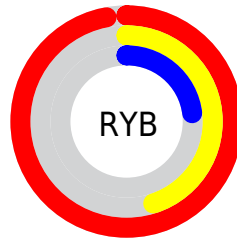
The Decimal color **16213563** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3919095**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **16751981**, and **12004872** is the 20% darker color. If you saturate the color by 10%, you get **16208674**, and if you desaturate by 10%, it is **16218452**.

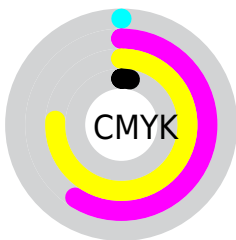
Distribution



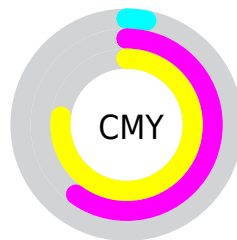
- Red (97%)
- Green (40%)
- Blue (23%)



- Red (97%)
- Yellow (45%)
- Blue (23%)



- Cyan (0%)
- Magenta (59%)
- Yellow (76%)
- Black (3%)




- Cyan (3%)
- Magenta (60%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16213563 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 16213563 by changing the saturation by 10% instead.

 16213563	 16213563
 16777215	 14109475
 16751981	 12004872
 16759175	 9963008
 16766626	 7929856
 16774077	 5898240
 16777177	 4128770
 16777206	 1900545
	 0
 16213563	 16213563

16208674

16218452

16203786

16223340

16201728

16228229

16233118

16238006

16242895

16247784

16252671

16252927

Harmonies

Analogous

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



16731513



16213563



13534208

Triad

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



16213563



44909



2855679

Complementary

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



16213563



3919095

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.



42495



16213563



45745

Square

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



16213563



4696106



45038



12350707

Rectangle

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



16213563



11179008



45038



39423

Sweetspot

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



16213563



16765636



16202702



8414300



0



8421504

Same Dimension

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



16213563



16731159



16237115



8024430



12200704



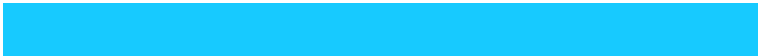
3869952

Inverse Universe

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



3919095



1559295



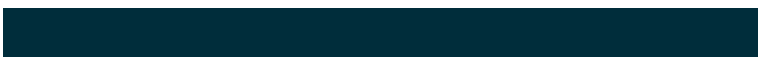
3895543



7239802



37050



11579

Previews

White Background



This preview shows how the Decimal color 16213563 looks on a white background.

Color Contrast Check

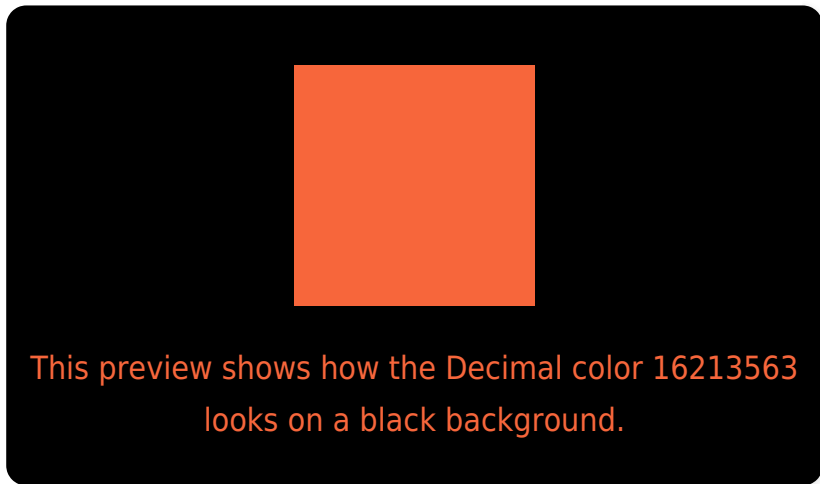
Large Text (above 18pt) WCAG AA ✓ Pass

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 16213563 Background



This preview shows how black text looks on a background with the Decimal color 16213563.




This preview shows how white text looks on a background with the Decimal color 16213563.

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





Tritanopia
16343399

Trichromacy



Original Color
16213563

Protanomaly
12747844

Deuteranomaly
13664053

Tritanomaly
16278359

Monochromacy



Original Color
16213563

Achromatopsia
9211020

Achromatomaly
11763311

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16213563 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 #F7663B looks like.

```
.text, #text, p{  
    color:#F7663B  
}
```

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 #F7663B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7663B
}
```

Border

The CSS property to change the border of an element to Decimal 16213563 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
#F7663B }
```

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

```
.border{ border-color:#F7663B }
```

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

Here you see how a box with a 4 pixel #F7663B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7663B; -webkit-box-shadow:4px 4px  
4px 4px #F7663B; box-shadow:4px 4px 4px  
4px #F7663B }
```

Background

The CSS property to change the background color of an element to Decimal 16213563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7663B }
```

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

```
.background{ background-color:#F7663B }
```

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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