

Converting Colors

Decimal(16475959)

Have a look what the booklet for
Decimal(16475959) contains.

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Color

Decimal(16475959)

Conversions

Conversions Part 1

Format	Color
Hex	FB6737
RGB	251, 103, 55
RGB Percent	98%, 40%, 22%
CMY	0.0157, 0.5961, 0.7843
CMYK	0.00, 0.59, 0.78, 0.02
HSL	15°, 96%, 60%
HSV	15°, 78%, 98%
XYZ	45.3235, 30.4856, 7.1099
YIQ	141.7800, 103.6160, 16.4480

Conversions

Conversions Part 2

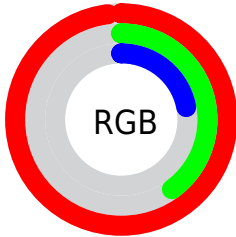
Format	Color
R _Y B	251, 119, 55
Decimal	16475959
CIE Lab	62.07, 54.12, 54.07
CIE LCh	62, 76.498, 44.974
Yxy	30.4856, 0.5466, 0.3677
Android (android.graphics.Color)	4294666039 (0xFFFB6737)
YUV	141.7800, -42.7825, 95.7859
Hunter-Lab	55.2137, 49.9019, 31.0148

Details

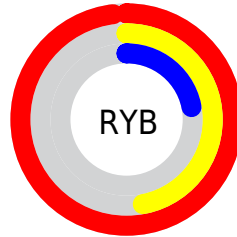
The Decimal color **16475959** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3656699**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16752233**, and **12267265** is the 20% darker color. If you saturate the color by 10%, you get **16471070**, and if you desaturate by 10%, it is **16480848**.

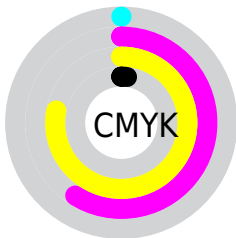
Distribution



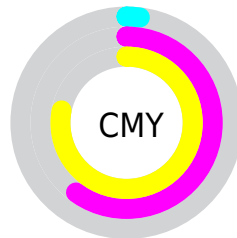
- Red (98%)
- Green (40%)
- Blue (22%)



- Red (98%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (78%)
- Black (2%)




















- Cyan (2%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16475959 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 16475959 by changing the saturation by 10% instead.

 16475959	 16475959
 16777215	 14371614
 16752233	 12267265
 16759683	 10159872
 16766878	 8126464
 16774585	 6094848
 16777173	 4259842
 16777202	 2228225
	 0

 16475959

 16475959

■ 16471070

■ 16480848

■ 16466181

■ 16485737

■ 16465152

■ 16490626

■ 16495515

■ 16500405

■ 16505294

■ 16510183

■ 16515071

Harmonies

Analogous

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



16730999



16475959



13665792

Triad

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



16475959



45680



3249151

Complementary

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



16475959



3656699

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.



43263



16475959



46263

Square

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



16475959



4238121



45813



12809207

Rectangle

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



16475959



11179776



45813



39935

Sweetspot

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



16475959



16765892



16463821



8414556



0



8421504

Same Dimension

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



16475959



16730639



16500535



8221808



12398080



4001536

Inverse Universe

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



3656699



1033471



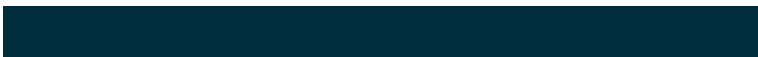
3632123



7371389



36541



11837

Previews

White Background



This preview shows how the Decimal color 16475959 looks on a white background.

Color Contrast Check

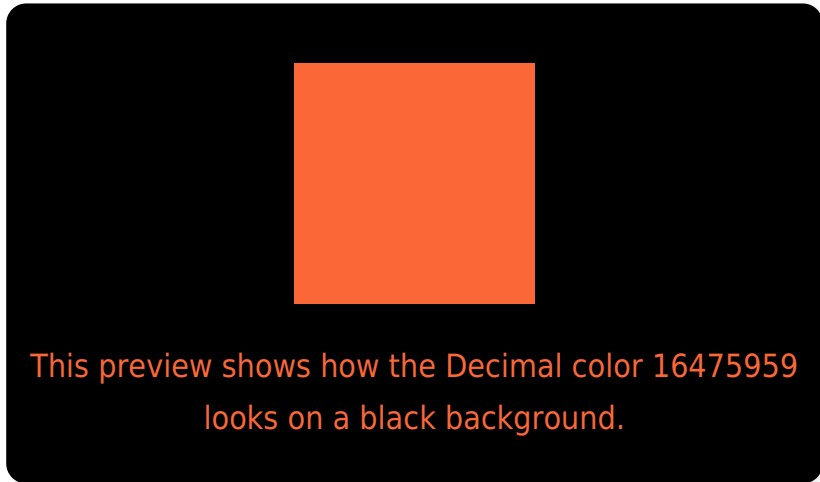
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 16475959 Background



This preview shows how black text looks on a background with the Decimal color 16475959.



This preview shows how white text looks on a background with the Decimal color 16475959.

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
16475959

Protanopia
10983237

Deuteranopia
12422956

Trichromacy



Original Color
16475959

Protanomaly
13010496

Deuteranomaly
13926448

Tritanomaly
16540502

Monochromacy



Original Color
16475959

Achromatopsia
9342606

Achromatomaly
11960430

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16475959 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 #FB6737 looks like.

```
.text, #text, p{  
  color:#FB6737  
}
```

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 #FB6737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB6737
}
```

Border

The CSS property to change the border of an element to Decimal 16475959 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
#FB6737 }
```

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

```
.border{ border-color:#FB6737 }
```

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

Here you see how a box with a 4 pixel #FB6737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB6737; -webkit-box-shadow:4px 4px  
4px 4px #FB6737; box-shadow:4px 4px 4px  
4px #FB6737 }
```

Background

The CSS property to change the background color of an element to Decimal 16475959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB6737 }
```

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

```
.background{ background-color:#FB6737 }
```

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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