

# Converting Colors

Decimal(16472887)

Have a look what the booklet for  
Decimal(16472887) contains.

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# Color

**Decimal(16472887)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB5B37
RGB	251, 91, 55
RGB Percent	98%, 36%, 22%
CMY	0.0157, 0.6431, 0.7843
CMYK	0.00, 0.64, 0.78, 0.02
HSL	11°, 96%, 60%
HSV	11°, 78%, 98%
XYZ	44.2143, 28.2672, 6.7402
YIQ	134.7360, 106.9160, 22.7240

# Conversions

## Conversions Part 2

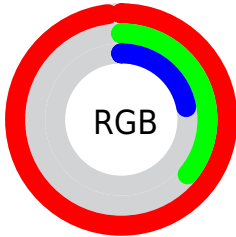
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 99, 55
Decimal	16472887
CIE <sub>Lab</sub>	60.13, 59.27, 52.14
CIE <sub>LCh</sub>	60, 78.943, 41.337
Yxy	28.2672, 0.5581, 0.3568
Android (android.graphics.Color)	4294662967 (0xFFFB5B37)
YUV	134.7360, -39.3098, 101.9635
Hunter-Lab	53.1669, 55.4008, 29.7004

# Details

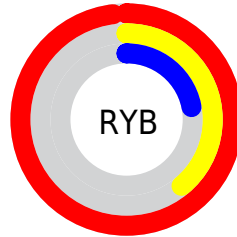
The Decimal color **16472887** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **3659771**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16749416**, and **12196868** is the 20% darker color. If you saturate the color by 10%, you get **16467742**, and if you desaturate by 10%, it is **16478032**.

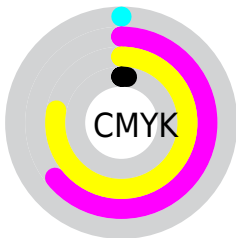
# Distribution



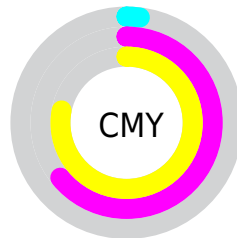
- Red (98%)
- Green (36%)
- Blue (22%)



- Red (98%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (64%)
- Yellow (78%)
- Black (2%)








- Cyan (2%)
- Magenta (64%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16472887 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 16472887 by changing the saturation by 10% instead.



 16472887	 16472887
 16777215	 14368287
 16749416	 12196868
 16756866	 10158080
 16764317	 8060928
 16771768	 6029312
 16777172	 4259843
 16777201	 1966081
	 0

 16472887	 16472887
--	--

16467742

16478032

16462341

16483433

16461312

16488578

16493979

16499125

16504526

16509671

16515071

# Harmonies

## Analogous

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



16727674



16472887



13729024

# Triad

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



16472887



44385



37375

# Complementary

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



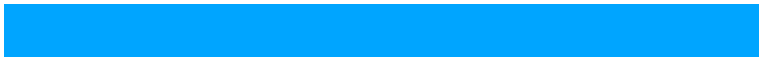
16472887



3659771

# 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



16472887



45226

# Square

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



16472887



4498703



44780



11760123

# Rectangle

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



16472887



11308800



44780



39423



# Sweetspot

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



16472887



16764868



16463831



8413788



0



8421504



# Same Dimension

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



16472887



16726799



16497975



8221552



12395264

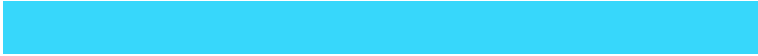


4000512



# Inverse Universe

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



3659771



1037311



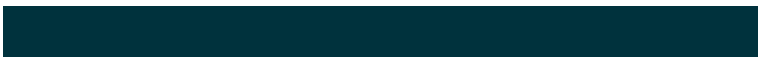
3634683



7371645



39613



12861



# Previews

## White Background



This preview shows how the Decimal color 16472887 looks on a white background.

## Color Contrast Check

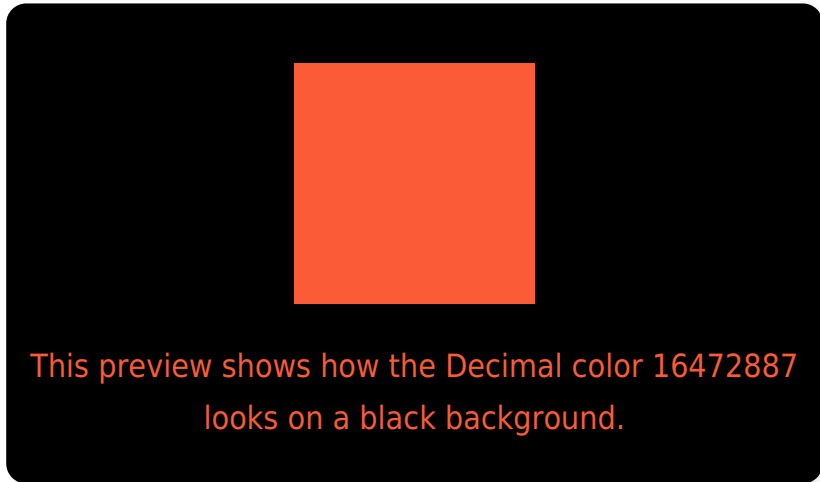
Large Text (above 18pt) WCAG AA ✓ Pass

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 16472887 Background



This preview shows how black text looks on a background with the Decimal color 16472887.




This preview shows how white text looks on a background with the Decimal color 16472887.

# 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**  
16537436

# Trichromacy



**Original Color**  
16472887

**Protanomaly**  
12746049

**Deuteranomaly**  
13596975

**Tritanomaly**  
16537679

# Monochromacy



**Original Color**  
16472887

**Achromatopsia**  
8882055

**Achromatomaly**  
11630442

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16472887 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 #FB5B37 looks like.

```
.text, #text, p{  
  color:#FB5B37  
}
```

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 #FB5B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB5B37
}
```

## Border

The CSS property to change the border of an element to Decimal 16472887 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
#FB5B37 }
```

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

```
.border{ border-color:#FB5B37 }
```

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

Here you see how a box with a 4 pixel #FB5B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB5B37; -webkit-box-shadow:4px 4px  
4px 4px #FB5B37; box-shadow:4px 4px 4px  
4px #FB5B37 }
```

# Background

The CSS property to change the background color of an element to Decimal 16472887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB5B37 }
```

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

```
.background{ background-color:#FB5B37 }
```

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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