

# Converting Colors

Decimal(16466749)

Have a look what the booklet for  
Decimal(16466749) contains.

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# Color

**Decimal(16466749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB433D
RGB	251, 67, 61
RGB Percent	98%, 26%, 24%
CMY	0.0157, 0.7373, 0.7608
CMYK	0.00, 0.73, 0.76, 0.02
HSL	2°, 96%, 61%
HSV	2°, 76%, 98%
XYZ	42.6331, 24.8605, 6.9664
YIQ	121.3320, 111.5900, 37.1420

# Conversions

## Conversions Part 2

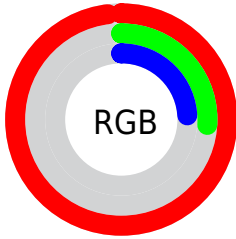
Format	Color
<a href="#">RYB</a>	<a href="#">251, 67, 61</a>
Decimal	<a href="#">16466749</a>
CIELab	<a href="#">56.94, 68.35, 45.77</a>
CIELCh	<a href="#">57, 82.256, 33.806</a>
Yxy	<a href="#">24.8605, 0.5726, 0.3339</a>
Android (android.graphics.Color)	<a href="#">4294656829</a> (0xFFFB433D)
YUV	<a href="#">121.3320, -29.7437, 113.7188</a>
Hunter-Lab	<a href="#">49.8603, 65.3713, 26.6183</a>

# Details

The Decimal color **16466749** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **4060667**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **16744302**, and **12189712** is the 20% darker color. If you saturate the color by 10%, you get **16460580**, and if you desaturate by 10%, it is **16472918**.

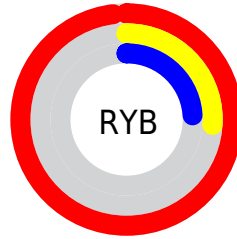
# Distribution



Red (98%)

Green (26%)

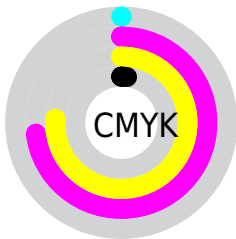
Blue (24%)



Red (98%)

Yellow (26%)

Blue (24%)

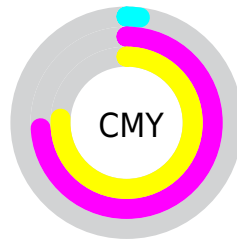


Cyan (0%)

Magenta (73%)

Yellow (76%)

Black (2%)



Cyan (2%)

Magenta (74%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16466749 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 16466749 by changing the saturation by 10% instead.



 16466749

 16466749

16777215

 14294310

 16744302

 12189712

 16751751

 10092544

 16759458

 7995392

 16766909

 5898241

 16774617

 3997699

 16777205

 1638401

 0

 16466749

 16466749

■ 16460580

■ 16472918

■ 16454155

■ 16479343

■ 16451584

■ 16485512

■ 16491681

■ 16498107

■ 16504276

■ 16510445

■ 16515071

# Harmonies

## Analogous

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



16720771



16466749



14052352

# Triad

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



16466749



41796



36863

# Complementary

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



16466749



4060667

# 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.



41215



16466749



42896

# Square

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



16466749



5347840



42967



9400575

# Rectangle

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



16466749



11698432



42967



38655



# Sweetspot

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



16466749



16762564



16465400



8412508



0



8421504



# Same Dimension

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



16466749



16719383



16490301



8221040



12387840



3998208



# Inverse Universe

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



4060667



1571071



4037115



7372157



47037



15165



# Previews

## White Background



This preview shows how the Decimal color 16466749 looks on a white background.

## Color Contrast Check

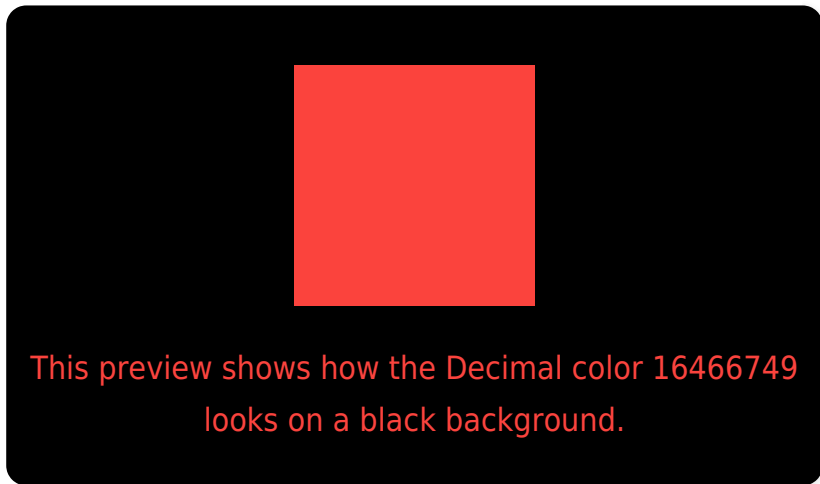
Large Text (above 18pt) WCAG AA ✓ Pass

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 16466749 Background



This preview shows how black text looks on a background with the Decimal color 16466749.



This preview shows how white text looks on a background with the Decimal color 16466749.

# 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**  
16466749

**Protanopia**  
9865555

**Deuteranopia**  
11239984



# Trichromacy



**Original Color**  
16466749

**Protanomaly**  
12283979

**Deuteranomaly**  
13134645

**Tritanomaly**  
16466497

# Monochromacy



**Original Color**  
16466749

**Achromatopsia**  
7960953

**Achromatomaly**  
11036003

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16466749 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 #FB433D looks like.

```
.text, #text, p{  
  color:#FB433D  
}
```

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 #FB433D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB433D
}
```

## Border

The CSS property to change the border of an element to Decimal 16466749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

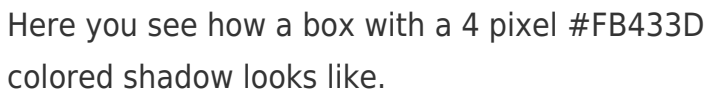
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FB433D }
```

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

```
.border{ border-color:#FB433D }
```

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



Here you see how a box with a 4 pixel #FB433D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB433D; -webkit-box-shadow:4px 4px  
4px 4px #FB433D; box-shadow:4px 4px 4px  
4px #FB433D }
```

# Background

The CSS property to change the background color of an element to Decimal 16466749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB433D }
```

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

```
.background{ background-color:#FB433D }
```

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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