

# Converting Colors

Decimal(16337999)

Have a look what the booklet for  
Decimal(16337999) contains.

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# Color

**Decimal(16337999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F94C4F
RGB	249, 76, 79
RGB Percent	98%, 30%, 31%
CMY	0.0235, 0.7020, 0.6902
CMYK	0.00, 0.69, 0.68, 0.02
HSL	359°, 94%, 64%
HSV	359°, 69%, 98%
XYZ	43.0626, 25.8731, 10.1215
YIQ	128.0690, 102.1450, 37.6090

# Conversions

## Conversions Part 2

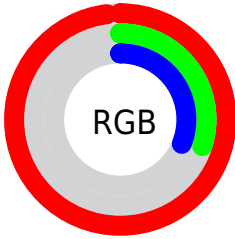
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 76, 79
Decimal	16337999
CIE <sub>Lab</sub>	57.92, 65.42, 36.84
CIE <sub>LCh</sub>	58, 75.079, 29.388
Yxy	25.8731, 0.5447, 0.3273
Android (android.graphics.Color)	4294528079 (0xFFFF94C4F)
YUV	128.0690, -24.1910, 106.0565
Hunter-Lab	50.8656, 62.1025, 23.8081

# Details

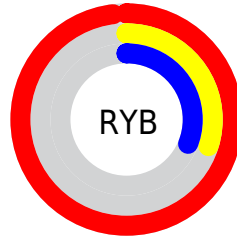
The Decimal color **16337999** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **5044726**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16746368**, and **12124194** is the 20% darker color. If you saturate the color by 10%, you get **16331575**, and if you desaturate by 10%, it is **16344423**.

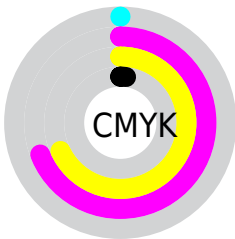
# Distribution



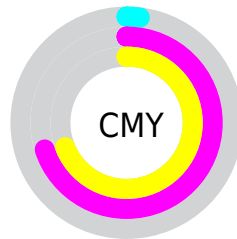
- Red (98%)
- Green (30%)
- Blue (31%)



- Red (98%)
- Yellow (30%)
- Blue (31%)



- Cyan (0%)
- Magenta (69%)
- Yellow (68%)
- Black (2%)



- Cyan (2%)
- Magenta (70%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16337999 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 16337999 by changing the saturation by 10% instead.



 16337999

 16337999

16777215

 14232376

 16746368

 12124194

 16753562

 10027022

 16761269

 7995392

 16768721

 5963777

 16776429

 4063235

 1703937

 0

 16337999

 16337999

■ 16331575

■ 16344423

■ 16325150

■ 16350848

■ 16318726

■ 16357272

■ 16318468

■ 16363697

■ 16370121

■ 16376290

■ 16382714

■ 16383999

# Harmonies

## Analogous

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



16465551



16337999



14380295

# Triad

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



16337999



41795



38143

# Complementary

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



16337999



5044726

# 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.



41724



16337999



43144

# Square

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



16337999



6855168



43210



8551167

# Rectangle

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



16337999



12288000



43210



39679



# Sweetspot

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



16337999



16763338



15944953



8413280



0



8421504



# Same Dimension

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



16337999



16722735



16358732



8220785



12386307



3997697



# Inverse Universe

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



16337999



16722735



5023993



8220785



12386307



3997697



# Previews

## White Background



This preview shows how the Decimal color 16337999 looks on a white background.

## Color Contrast Check

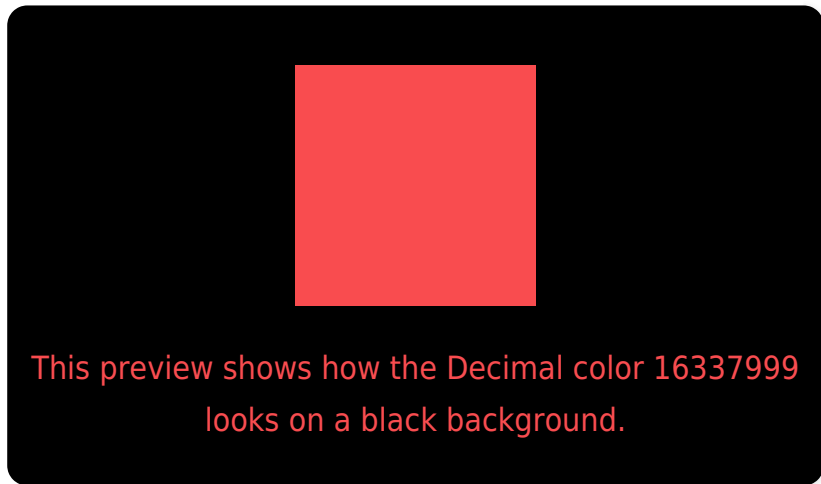
Large Text (above 18pt) WCAG AA ✓ Pass

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 16337999 Background



This preview shows how black text looks on a background with the Decimal color 16337999.



This preview shows how white text looks on a background with the Decimal color 16337999.

# 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**  
16338000

# Trichromacy



**Original Color**  
16337999

**Protanomaly**  
12219486

**Deuteranomaly**  
13135945

**Tritanomaly**  
16338000

# Monochromacy



**Original Color**  
16337999

**Achromatopsia**  
8421504

**Achromatomaly**  
11300206

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16337999 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 #F94C4F looks like.

```
.text, #text, p{  
  color:#F94C4F  
}
```

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 #F94C4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F94C4F
}
```

## Border

The CSS property to change the border of an element to Decimal 16337999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

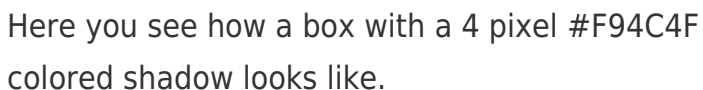
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F94C4F }
```

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

```
.border{ border-color:#F94C4F }
```

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



Here you see how a box with a 4 pixel #F94C4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F94C4F; -webkit-box-shadow:4px 4px  
4px 4px #F94C4F; box-shadow:4px 4px 4px  
4px #F94C4F }
```

# Background

The CSS property to change the background color of an element to Decimal 16337999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F94C4F }
```

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

```
.background{ background-color:#F94C4F }
```

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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