

# Converting Colors

Decimal(16741438)

Have a look what the booklet for  
Decimal(16741438) contains.

<b>Decimal(16741438)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16741438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF743E
RGB	255, 116, 62
RGB Percent	100%, 45%, 24%
CMY	0.0000, 0.5451, 0.7569
CMYK	0.00, 0.55, 0.76, 0.00
HSL	17°, 100%, 62%
HSV	17°, 76%, 100%
XYZ	48.3549, 34.0986, 8.5905
YIQ	151.4050, 100.1780, 12.6740

# Conversions

## Conversions Part 2

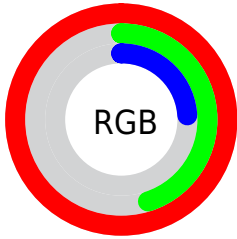
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 137, 62
Decimal	16741438
CIE <sub>Lab</sub>	65.04, 49.84, 53.95
CIE <sub>LCh</sub>	65, 73.444, 47.267
Yxy	34.0986, 0.5311, 0.3745
Android (android.graphics.Color)	4294931518 (0xFFFF743E)
YUV	151.4050, -44.0767, 90.8528
Hunter-Lab	58.3940, 45.6228, 32.1535

# Details

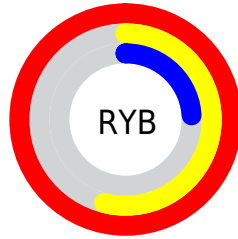
The Decimal color **16741438** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4114943**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16755569**, and **12533257** is the 20% darker color. If you saturate the color by 10%, you get **16736804**, and if you desaturate by 10%, it is **16746072**.

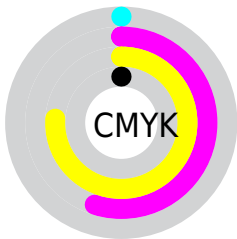
# Distribution



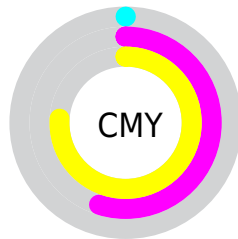
- Red (100%)
- Green (45%)
- Blue (24%)



- Red (100%)
- Yellow (54%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (76%)
- Black (0%)




















- Cyan (0%)
- Magenta (55%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16741438 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 16741438 by changing the saturation by 10% instead.



 16741438	 16741438
 16777215	 14637349
 16755569	 12533257
 16762763	 10494208
 16770214	 8454144
 16777153	 6422528
 16777182	 4521984
 16777211	 2686977
	 0

 16741438

 16741438

16736804

16746072

16731915

16750961

16729856

16755595

16760228

16765118

16769751

16774641

16777215

# Harmonies

## Analogous

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



16735099



16741438



13930752

# Triad

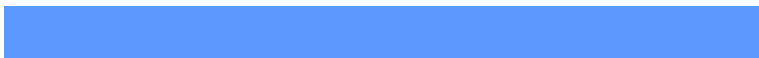
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16741438



47743



6068479

# Complementary

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



16741438



4114943

# 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.



44799



16741438



48323

# Square

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



16741438



4633660



47614



13662968

# Rectangle

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



16741438



11444224



47614



41471

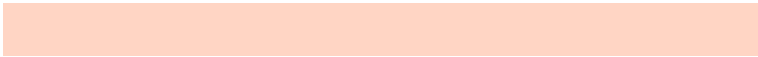


# Sweetspot

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



16741438



16766404



16727756



8414812



0



8421504



# Same Dimension

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



16741438



16734231



16765502



8418931



12531200



4198912



# Inverse Universe

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



4114943



1556223



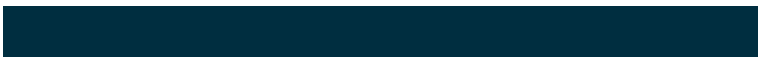
4090879



7568512



35519



11840



# Previews

## White Background



This preview shows how the Decimal color 16741438 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



This preview shows how the Decimal color 16741438 looks on a 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 16741438 Background



This preview shows how black text looks on a background with the Decimal color 16741438.



This preview shows how white text looks on a background with the Decimal color 16741438.

# 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**  
16741438

**Protanopia**  
11509323

**Deuteranopia**  
13014581



**Tritanopia**  
16740471

# Trichromacy



**Original Color**  
16741438

**Protanomaly**  
13406022

**Deuteranomaly**  
14387768

**Tritanomaly**  
16740706

# Monochromacy



**Original Color**  
16741438

**Achromatopsia**  
9934743

**Achromatomaly**  
12421751

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16741438 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 #FF743E looks like.

```
.text, #text, p{  
    color:#FF743E  
}
```

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 #FF743E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF743E
}
```

## Border

The CSS property to change the border of an element to Decimal 16741438 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
#FF743E }
```

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

```
.border{ border-color:#FF743E }
```

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

Here you see how a box with a 4 pixel #FF743E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF743E; -webkit-box-shadow:4px 4px  
4px 4px #FF743E; box-shadow:4px 4px 4px  
4px #FF743E }
```

# Background

The CSS property to change the background color of an element to Decimal 16741438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF743E }
```

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

```
.background{ background-color:#FF743E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor