

# Converting Colors

Decimal(16078401)

Have a look what the booklet for  
Decimal(16078401) contains.

<b>Decimal(16078401)</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(16078401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F55641
RGB	245, 86, 65
RGB Percent	96%, 34%, 25%
CMY	0.0392, 0.6627, 0.7451
CMYK	0.00, 0.65, 0.73, 0.04
HSL	7°, 90%, 61%
HSV	7°, 73%, 96%
XYZ	41.9381, 26.4497, 7.8959
YIQ	131.1470, 101.5050, 27.1770

# Conversions

## Conversions Part 2

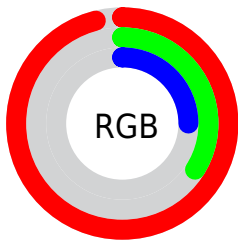
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 89, 65
Decimal	16078401
CIE <sub>Lab</sub>	58.46, 59.70, 44.98
CIE <sub>LCh</sub>	58, 74.745, 36.997
Yxy	26.4497, 0.5498, 0.3467
Android (android.graphics.Color)	4294268481 (0xFFFF55641)
YUV	131.1470, -32.6105, 99.8491
Hunter-Lab	51.4293, 55.5570, 26.8977

# Details

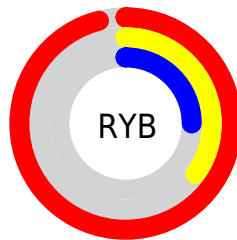
The Decimal color **16078401** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **4317429**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **16748146**, and **11866899** is the 20% darker color. If you saturate the color by 10%, you get **16072745**, and if you desaturate by 10%, it is **16084058**.

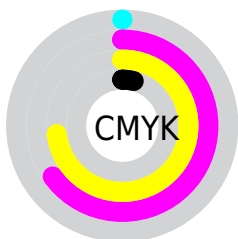
# Distribution



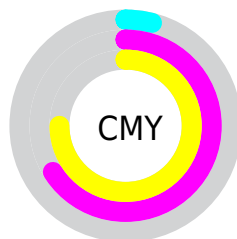
- Red (96%)
- Green (34%)
- Blue (25%)



- Red (96%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (73%)
- Black (4%)



- Cyan (4%)
- Magenta (66%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16078401 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 16078401 by changing the saturation by 10% instead.



 16078401	 16078401
 16777215	 13973546
 16748146	 11866899
 16755596	 9830400
 16763047	 7733248
 16770498	 5767168
 16777182	 3932163
 16777211	 1441792
	 0
 16078401	 16078401

 16072745

 16084058

 16067344

 16089458

 16063744

 16095115

 16100771

 16106171

 16111828

 16117228

 16121855

# Harmonies

## Analogous

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



16728192



16078401



13727232

# Triad

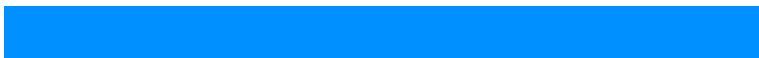
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16078401



42582



37119

# Complementary

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



16078401



4317429

# 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.



41471



16078401



43675

# Square

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



16078401



5545477



43482



10515446

# Rectangle

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



16078401



11503616



43482



38911



# Sweetspot

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



16078401



16764359



16073184



8413790



0



8421504



# Same Dimension

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



16078401



16726303



16101441



8024174



12195328



3868416

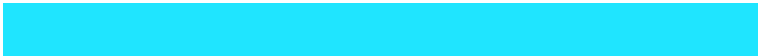


# Inverse Universe

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



4317429



2090495



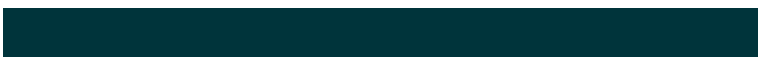
4294389



7240058



42170



13371



# Previews

## White Background



This preview shows how the Decimal color 16078401 looks on a white background.

## Color Contrast Check

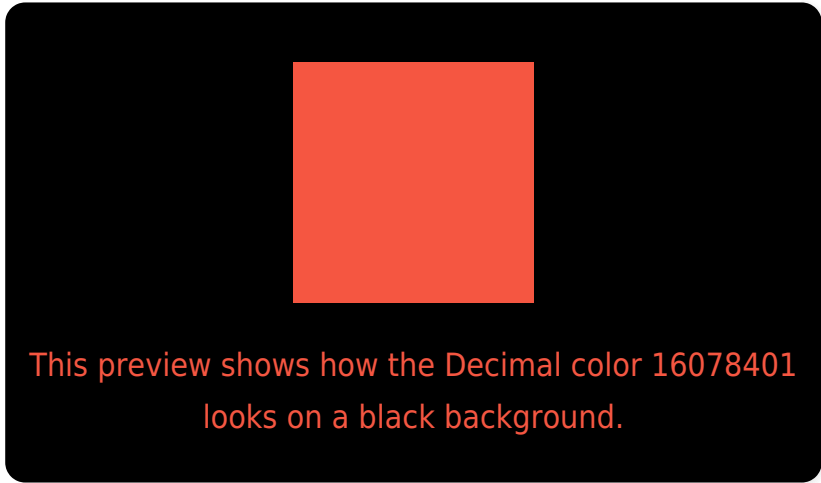
Large Text (above 18pt) WCAG AA ✓ Pass

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 16078401 Background



This preview shows how black text looks on a background with the Decimal color 16078401.



This preview shows how white text looks on a background with the Decimal color 16078401.

# 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**  
16078401

**Protanopia**  
10128723

**Deuteranopia**  
11568695



**Tritanopia**  
16143192

# Trichromacy



**Original Color**  
16078401

**Protanomaly**  
12286284

**Deuteranomaly**  
13202747

**Tritanomaly**  
16143440

# Monochromacy



**Original Color**  
16078401

**Achromatopsia**  
8618883

**Achromatomaly**  
11301739

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16078401 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 #F55641 looks like.

```
.text, #text, p{  
    color:#F55641  
}
```

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 #F55641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F55641
}
```

## Border

The CSS property to change the border of an element to Decimal 16078401 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
#F55641 }
```

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

```
.border{ border-color:#F55641 }
```

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

Here you see how a box with a 4 pixel #F55641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F55641; -webkit-box-shadow:4px 4px  
4px 4px #F55641; box-shadow:4px 4px 4px  
4px #F55641 }
```

# Background

The CSS property to change the background color of an element to Decimal 16078401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F55641 }
```

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

```
.background{ background-color:#F55641 }
```

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