

# Converting Colors

Decimal(15291939)

Have a look what the booklet for  
Decimal(15291939) contains.

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**Color**

**Decimal(15291939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E95623
RGB	233, 86, 35
RGB Percent	91%, 34%, 14%
CMY	0.0863, 0.6627, 0.8627
CMYK	0.00, 0.63, 0.85, 0.09
HSL	15°, 82%, 53%
HSV	15°, 85%, 91%
XYZ	37.2354, 24.1006, 4.2795
YIQ	124.1390, 103.9830, 15.3030

# Conversions

## Conversions Part 2

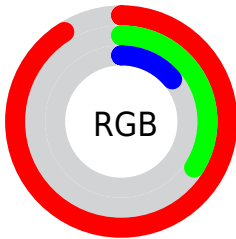
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 104, 35
Decimal	15291939
CIE <sub>Lab</sub>	56.19, 54.70, 56.46
CIE <sub>LCh</sub>	56, 78.613, 45.909
Yxy	24.1006, 0.5675, 0.3673
Android (android.graphics.Color)	4293482019 (0xFFE95623)
YUV	124.1390, -43.9455, 95.4711
Hunter-Lab	49.0923, 49.4767, 29.1962

# Details

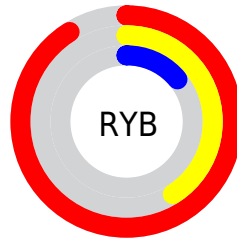
The Decimal color **15291939** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2340585**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16747861**, and **11081984** is the 20% darker color. If you saturate the color by 10%, you get **15287564**, and if you desaturate by 10%, it is **15296314**.

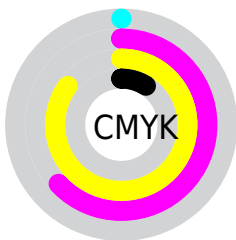
# Distribution



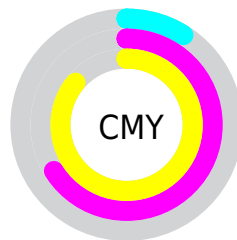
- Red (91%)
- Green (34%)
- Blue (14%)



- Red (91%)
- Yellow (41%)
- Blue (14%)



- Cyan (0%)
- Magenta (63%)
- Yellow (85%)
- Black (9%)





















- Cyan (9%)
- Magenta (66%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15291939 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 15291939 by changing the saturation by 10% instead.



 15291939	 15291939
16777215	 13187589
 16747861	 11081984
 16755055	 9043968
 16762505	 6946816
 16769956	 4980736
 16777152	 3211266
 16777180	 0
 16777209	
 15291939	 15291939

15287564

15296314

15285248

15300946

15305321

15309696

15314072

15318703

15323078

15327453

15332085

# Harmonies

## Analogous

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



16593510



15291939



12417024

# Triad

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



15291939



41571



33791

# Complementary

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



15291939



2340585

# 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.



39167



15291939



42154

# Square

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



15291939



2071571



41704



11887079

# Rectangle

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



15291939



9930752



41704



35839



# Sweetspot

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



15291939



16765119



15279032



8414041



0



8421504



# Same Dimension

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



15291939



16728576



15317027



7695722



11874048



3542528



# Inverse Universe

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



2340585



48639



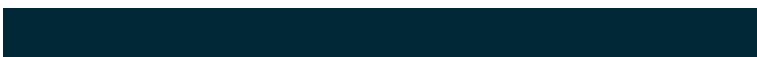
2315753



6976117



34485



10294



# Previews

## White Background



This preview shows how the Decimal color 15291939 looks on a white background.

## Color Contrast Check

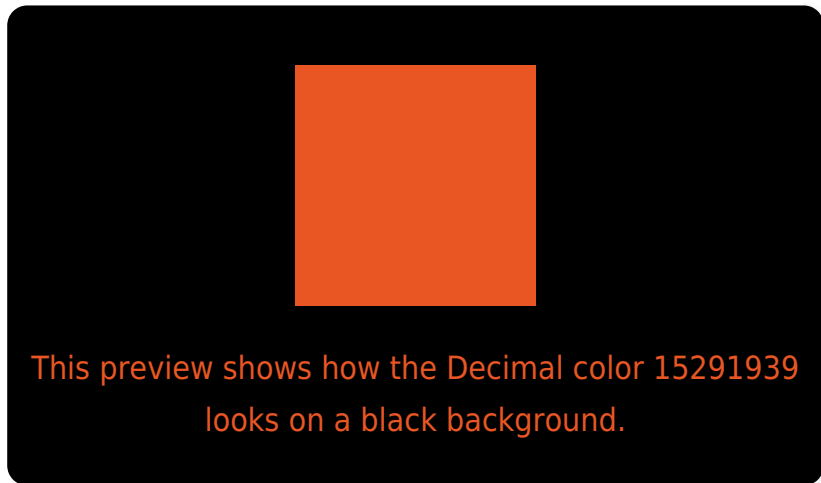
Large Text (above 18pt) WCAG AA ✓ Pass

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 15291939 Background



This preview shows how black text looks on a background with the Decimal color 15291939.



This preview shows how white text looks on a background with the Decimal color 15291939.

# 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**  
15291939

**Protanopia**  
9930544

**Deuteranopia**  
11239436



**Tritanopia**  
15421781

# Trichromacy



**Original Color**  
15291939

**Protanomaly**  
11892011

**Deuteranomaly**  
12742932

**Tritanomaly**  
15356739

# Monochromacy



**Original Color**  
15291939

**Achromatopsia**  
8158332

**Achromatomaly**  
10776156

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15291939 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 #E95623 looks like.

```
.text, #text, p{  
    color:#E95623  
}
```

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 #E95623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E95623
}
```

## Border

The CSS property to change the border of an element to Decimal 15291939 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".

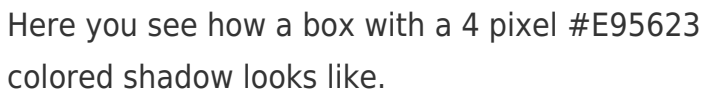
```
.border, #border, table{ border:4px solid
#E95623 }
```

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

```
.border{ border-color:#E95623 }
```

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

Here you see how a box with a 4 pixel #E95623 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E95623; -webkit-box-shadow:4px 4px  
4px 4px #E95623; box-shadow:4px 4px 4px  
4px #E95623 }
```

# Background

The CSS property to change the background color of an element to Decimal 15291939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E95623 }
```

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

```
.background{ background-color:#E95623 }
```

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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