

Converting Colors

Decimal(15682590)

Have a look what the booklet for
Decimal(15682590) contains.

Decimal(15682590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15682590)

Conversions

Conversions Part 1

Format	Color
Hex	EF4C1E
RGB	239, 76, 30
RGB Percent	94%, 30%, 12%
CMY	0.0627, 0.7020, 0.8824
CMYK	0.00, 0.68, 0.87, 0.06
HSL	13°, 87%, 53%
HSV	13°, 87%, 94%
XYZ	38.4154, 23.6133, 3.7614
YIQ	119.4930, 111.9140, 20.2500

Conversions

Conversions Part 2

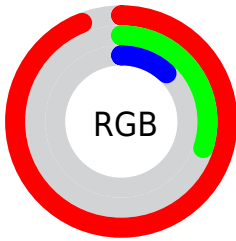
Format	Color
R _Y B	239, 89, 30
Decimal	15682590
CIE Lab	55.70, 60.63, 58.48
CIE LCh	56, 84.241, 43.965
Yxy	23.6133, 0.5839, 0.3589
Android (android.graphics.Color)	4293872670 (0xFFEF4C1E)
YUV	119.4930, -44.1200, 104.8076
Hunter-Lab	48.5936, 56.0735, 29.4261

Details

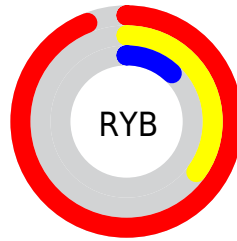
The Decimal color **15682590** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2015727**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **16745809**, and **11403264** is the 20% darker color. If you saturate the color by 10%, you get **15677702**, and if you desaturate by 10%, it is **15687478**.

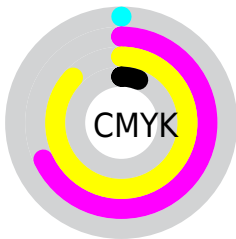
Distribution



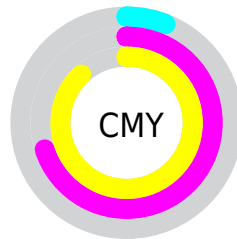
- Red (94%)
- Green (30%)
- Blue (12%)



- Red (94%)
- Yellow (35%)
- Blue (12%)



- Cyan (0%)
- Magenta (68%)
- Yellow (87%)
- Black (6%)





















- Cyan (6%)
- Magenta (70%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15682590 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 15682590 by changing the saturation by 10% instead.

 15682590	 15682590
16777215	 13511936
 16745809	 11403264
 16753002	 9306112
 16760452	 7274496
 16767903	 5242881
 16775611	 3407874
 16777175	 0
 16777204	
 15682590	 15682590

15677702

15687478

15676672

15692110

15696998

15701886

15706517

15711405

15716037

15720925

15725813

Harmonies

Analogous

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



16718183



15682590



12677888

Triad

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



15682590



41562



33791

Complementary

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



15682590



2015727

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.



39423



15682590



42151

Square

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



15682590



1415936



41963



11558640

Rectangle

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



15682590



10061312



41963



36095

Sweetspot

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



15682590



16763837



15670978



8413528



0



8421504

Same Dimension

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



15682590



16726016



15709214



7892844



12068864



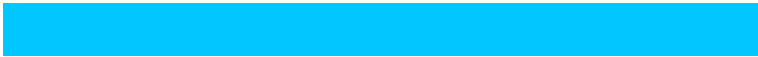
3673088

Inverse Universe

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



2015727



51199



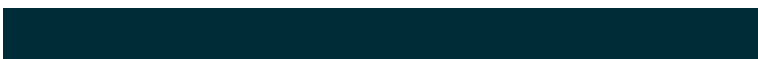
1989103



7107960



36792



11320

Previews

White Background



This preview shows how the Decimal color 15682590 looks on a white background.

Color Contrast Check

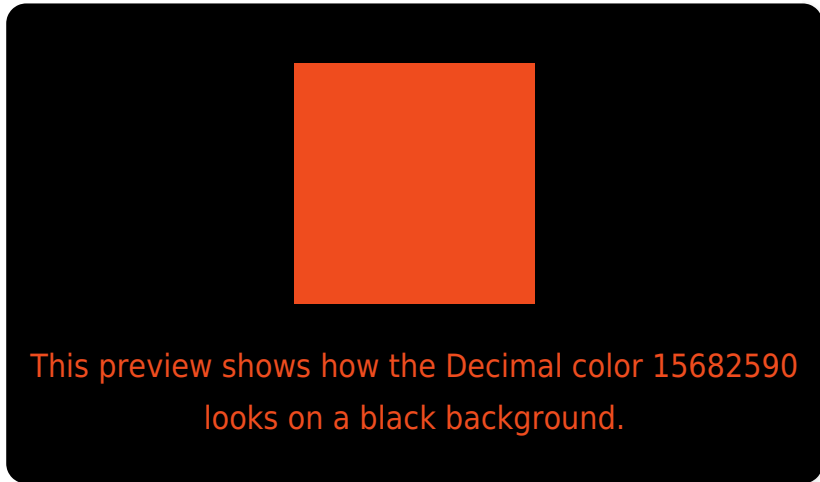
Large Text (above 18pt) WCAG AA ✓ Pass

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 15682590 Background



This preview shows how black text looks on a background with the Decimal color 15682590.



This preview shows how white text looks on a background with the Decimal color 15682590.

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
15682590

Protanopia
9864748

Deuteranopia
11108096

Trichromacy



Original Color
15682590

Protanomaly
11956519

Deuteranomaly
12741643

Tritanomaly
15747387

Monochromacy



Original Color
15682590

Achromatopsia
7829367

Achromatomaly
10708823

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15682590 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 #EF4C1E looks like.

```
.text, #text, p{  
  color:#EF4C1E  
}
```

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 #EF4C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF4C1E
}
```

Border

The CSS property to change the border of an element to Decimal 15682590 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
#EF4C1E }
```

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

```
.border{ border-color:#EF4C1E }
```

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

Here you see how a box with a 4 pixel #EF4C1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF4C1E; -webkit-box-shadow:4px 4px  
4px 4px #EF4C1E; box-shadow:4px 4px 4px  
4px #EF4C1E }
```

Background

The CSS property to change the background color of an element to Decimal 15682590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF4C1E }
```

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

```
.background{ background-color:#EF4C1E }
```

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