

Converting Colors

Decimal(15420948)

Have a look what the booklet for
Decimal(15420948) contains.

Decimal(15420948)	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(15420948)

Conversions

Conversions Part 1

Format	Color
Hex	EB4E14
RGB	235, 78, 20
RGB Percent	92%, 31%, 8%
CMY	0.0784, 0.6941, 0.9216
CMYK	0.00, 0.67, 0.91, 0.08
HSL	16°, 84%, 50%
HSV	16°, 91%, 92%
XYZ	37.1116, 23.1615, 3.1764
YIQ	118.3310, 112.1900, 15.2460

Conversions

Conversions Part 2

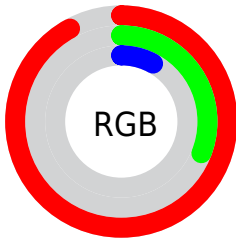
Format	Color
R_{YB}	235, 99, 20
Decimal	15420948
CIE Lab	55.24, 58.39, 61.26
CIE LCh	55, 84.626, 46.373
Yxy	23.1615, 0.5849, 0.3650
Android (android.graphics.Color)	4293611028 (0xFFEB4E14)
YUV	118.3310, -48.4772, 102.3187
Hunter-Lab	48.1263, 53.4254, 29.7752

Details

The Decimal color **15420948** 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 **1356267**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **16746057**, and **11142144** is the 20% darker color. If you saturate the color by 10%, you get **15417088**, and if you desaturate by 10%, it is **15425324**.

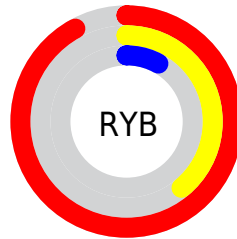
Distribution



Red (92%)

Green (31%)

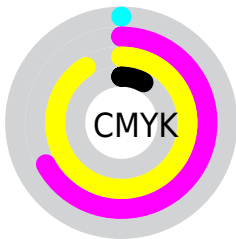
Blue (8%)



Red (92%)

Yellow (39%)

Blue (8%)

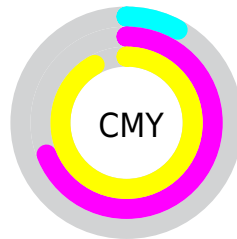


Cyan (0%)

Magenta (67%)

Yellow (91%)

Black (8%)



Cyan (8%)



















Magenta (69%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15420948 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 15420948 by changing the saturation by 10% instead.

 15420948	 15420948
16777215	 13250560
 16746057	 11142144
 16753251	 9043968
 16760701	 7012352
 16768152	 5046273
 16775604	 3145730
 16777168	 0
 16777196	
 15420948	 15420948

15417088

15425324

15429699

15434075

15438706

15443082

15447457

15451833

15456208

15460584

Harmonies

Analogous

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



16717664



15420948



12350720

Triad

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



15420948



41311



33023

Complementary

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



15420948



1356267

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.



38911



15420948



41900

Square

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



15420948



39680



41454



12016107

Rectangle

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



15420948



9668352



41454



35327

Sweetspot

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



15420948



16764346



15406258



8413783



0



8421504

Same Dimension

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



15420948



16729344



15448340



7695722



11874560



3542528

Inverse Universe

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



1356267



47871



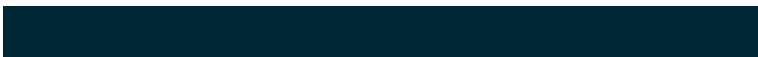
1328875



6976117



33973



10038

Previews

White Background



This preview shows how the Decimal color 15420948 looks on a white background.

Color Contrast Check

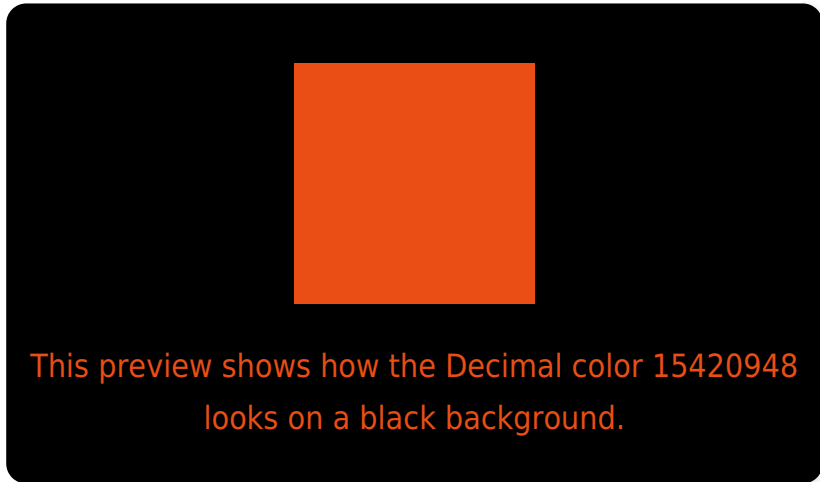
Large Text (above 18pt) WCAG AA ✓ Pass

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 15420948 Background



This preview shows how black text looks on a background with the Decimal color 15420948.



This preview shows how white text looks on a background with the Decimal color 15420948.

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
15420948

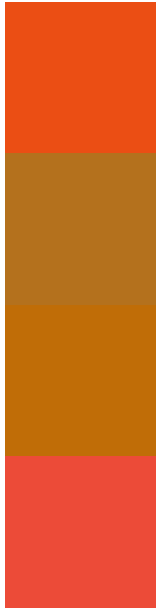
Protanopia
9798946

Deuteranopia
11042304



Tritanopia
15485261

Trichromacy



Original Color
15420948

Protanomaly
11825437

Deuteranomaly
12610823

Tritanomaly
15485752

Monochromacy



Original Color
15420948

Achromatopsia
7763574

Achromatomaly
10577746

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15420948 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 #EB4E14 looks like.

```
.text, #text, p{  
    color:#EB4E14  
}
```

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 #EB4E14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4E14
}
```

Border

The CSS property to change the border of an element to Decimal 15420948 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
#EB4E14 }
```

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

```
.border{ border-color:#EB4E14 }
```

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

Here you see how a box with a 4 pixel #EB4E14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4E14; -webkit-box-shadow:4px 4px  
4px 4px #EB4E14; box-shadow:4px 4px 4px  
4px #EB4E14 }
```

Background

The CSS property to change the background color of an element to Decimal 15420948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4E14 }
```

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

```
.background{ background-color:#EB4E14 }
```

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