

Converting Colors

Decimal(15088384)

Have a look what the booklet for
Decimal(15088384) contains.

Decimal(15088384)	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(15088384)

Conversions

Conversions Part 1

Format	Color
Hex	E63B00
RGB	230, 59, 0
RGB Percent	90%, 23%, 0%
CMY	0.0980, 0.7686, 1.0000
CMYK	0.00, 0.74, 1.00, 0.10
HSL	15°, 100%, 45%
HSV	15°, 100%, 90%
XYZ	34.1971, 19.9509, 2.0485
YIQ	103.4030, 120.8550, 17.9030

Conversions

Conversions Part 2

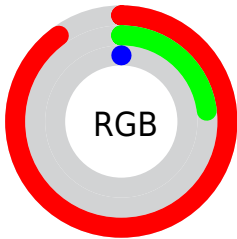
Format	Color
RYB	230, 79, 0
Decimal	15088384
CIELab	51.78, 63.46, 63.67
CIElCh	52, 89.894, 45.096
Yxy	19.9509, 0.6085, 0.3550
Android (android.graphics.Color)	4293278464 (0xFFE63B00)
YUV	103.4030, -50.9777, 111.0256
Hunter-Lab	44.6665, 58.4951, 28.5473

Details

The Decimal color **15088384** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **44006**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **16741948**, and **10813440** is the 20% darker color. If you saturate the color by 10%, you get **15088384**, and if you desaturate by 10%, it is **15092759**.

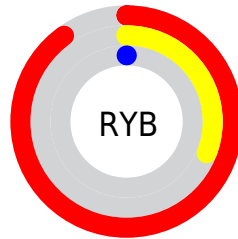
Distribution



Red (90%)

Green (23%)

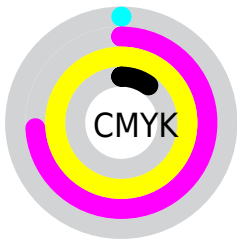
Blue (0%)



Red (90%)

Yellow (31%)

Blue (0%)

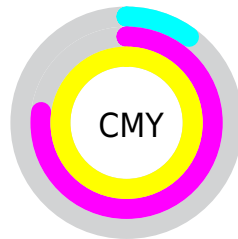


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15088384 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 15088384 by changing the saturation by 10% instead.


 15088384	 15088384
 16777211	 12915712
 16741948	 10813440
 16749398	 8650752
 16756592	 6619136
 16764042	 4718595
 16771749	 2686977
 16777153	 0
 16777182	
 15088384	

 15092759


 15097134

 15101509

 15105884

 15110515

 15114890

 15119265

 15123640

 15128015

Harmonies

Analogous

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



16580697



15088384



11889152

Triad

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



15088384



38993



31231

Complementary

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



15088384



44006

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.



37119



15088384



39842

Square

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



15088384



37376



39400



11226858

Rectangle

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



15088384



9141504



39400



33535

Sweetspot

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



15088384



16762547



15073453



8412498



0



8421504

Same Dimension

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



15088384



16728320



15117568



7563879



11742720



3345664

Inverse Universe

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



44006



48895



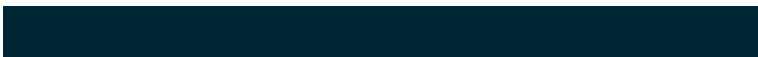
15078



6778995



34227



9779

Previews

White Background



This preview shows how the Decimal color 15088384 looks on a white background.

Color Contrast Check

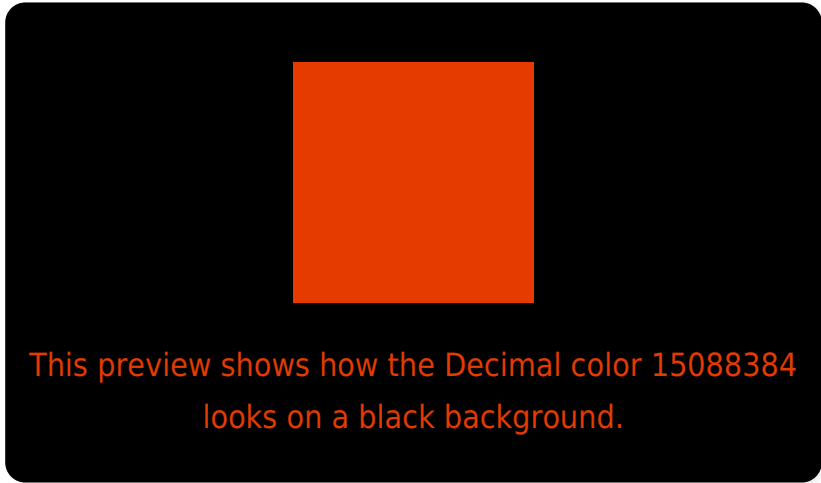
Large Text (above 18pt) WCAG AA ✓ Pass

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 15088384 Background



This preview shows how black text looks on a background with the Decimal color 15088384.



This preview shows how white text looks on a background with the Decimal color 15088384.

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

15088384

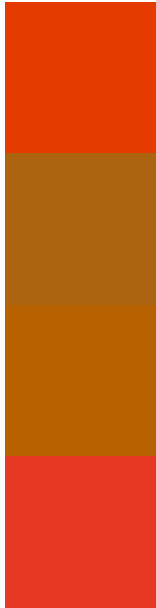
Protanopia

9206810

Deuteranopia

10253824

Trichromacy



Original Color
15088384

Protanomaly
11363345

Deuteranomaly
12017920

Tritanomaly
15153188

Monochromacy



Original Color
15088384

Achromatopsia
6776679

Achromatomaly
9787202

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15088384 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 #E63B00 looks like.

```
.text, #text, p{  
    color:#E63B00  
}
```

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 #E63B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E63B00
}
```

Border

The CSS property to change the border of an element to Decimal 15088384 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
#E63B00 }
```

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

```
.border{ border-color:#E63B00 }
```

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

Here you see how a box with a 4 pixel #E63B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E63B00; -webkit-box-shadow:4px 4px  
4px 4px #E63B00; box-shadow:4px 4px 4px  
4px #E63B00 }
```

Background

The CSS property to change the background color of an element to Decimal 15088384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E63B00 }
```

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

```
.background{ background-color:#E63B00 }
```

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