

# Converting Colors

Decimal(15288089)

Have a look what the booklet for  
Decimal(15288089) contains.

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# Color

**Decimal(15288089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E94719
RGB	233, 71, 25
RGB Percent	91%, 28%, 10%
CMY	0.0863, 0.7216, 0.9020
CMYK	0.00, 0.70, 0.89, 0.09
HSL	13°, 83%, 51%
HSV	13°, 89%, 91%
XYZ	36.0330, 21.9003, 3.2477
YIQ	114.1940, 111.3180, 20.0380

# Conversions

## Conversions Part 2

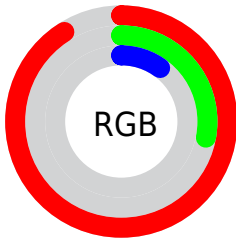
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 84, 25
Decimal	15288089
CIE <sub>Lab</sub>	53.92, 60.49, 58.53
CIE <sub>LCh</sub>	54, 84.170, 44.056
Yxy	21.9003, 0.5890, 0.3580
Android (android.graphics.Color)	4293478169 (0xFFE94719)
YUV	114.1940, -43.9726, 104.1929
Hunter-Lab	46.7978, 55.5440, 28.6437

# Details

The Decimal color **15288089** 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 **1686505**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **16744524**, and **11010048** is the 20% darker color. If you saturate the color by 10%, you get **15283458**, and if you desaturate by 10%, it is **15292720**.

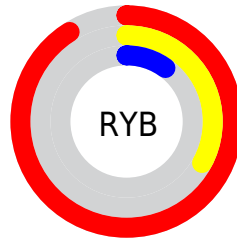
# Distribution



Red (91%)

Green (28%)

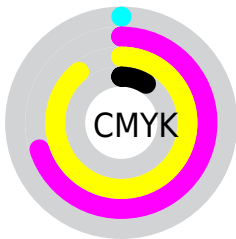
Blue (10%)



Red (91%)

Yellow (33%)

Blue (10%)

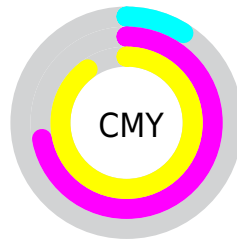


Cyan (0%)

Magenta (70%)

Yellow (89%)

Black (9%)



Cyan (9%)

Magenta (72%)
















Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15288089 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 15288089 by changing the saturation by 10% instead.



 15288089	 15288089
 16777215	 13117184
 16744524	 11010048
 16751718	 8912896
 16759168	 6881280
 16766618	 4915201
 16774326	 3014658
 16777170	 0
 16777199	
 15288089	 15288089

15283458

15292720

15283200

15297352

15301983

15306870

15311501

15316133

15320764

15325395

15330027

# Harmonies

## Analogous

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



16582755



15288089



12349184

# Triad

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



15288089



40278



32767

# Complementary

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



15288089



1686505

# 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.



38143



15288089



40866

# Square

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



15288089



366080



40678



11229675

# Rectangle

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



15288089



9732352



40678



35071



# Sweetspot

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



15288089



16763322



15276476



8413271



0



8421504



# Same Dimension

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



15288089



16726016



15314457



7695466



11872256



3542016

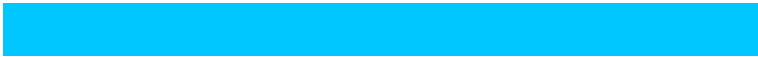


# Inverse Universe

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



1686505



51199



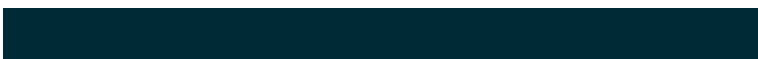
1660137



6976373



36277



10806



# Previews

## White Background



This preview shows how the Decimal color 15288089 looks on a white background.

## Color Contrast Check

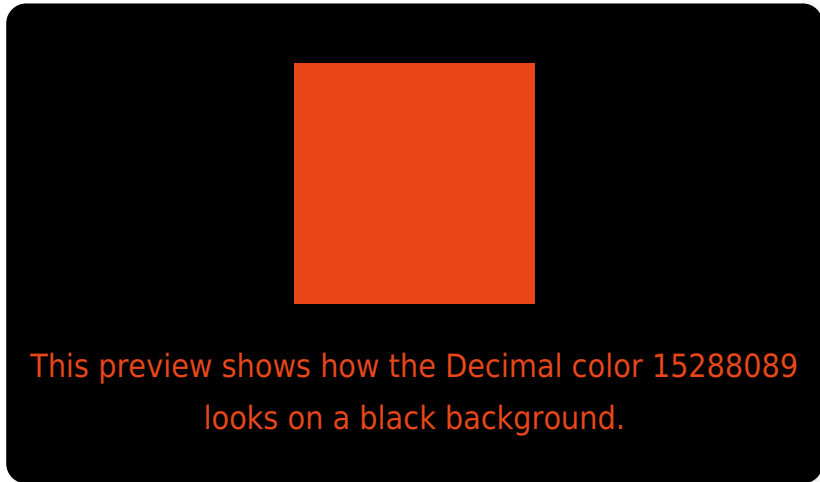
Large Text (above 18pt) WCAG AA ✓ Pass

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 15288089 Background



This preview shows how black text looks on a background with the Decimal color 15288089.



This preview shows how white text looks on a background with the Decimal color 15288089.

# 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**  
15288089

**Protanopia**  
9536039

**Deuteranopia**  
10713856



# Trichromacy



**Original Color**  
15288089

**Protanomaly**  
11627810

**Deuteranomaly**  
12347401

**Tritanomaly**  
15352886

# Monochromacy



**Original Color**  
15288089

**Achromatopsia**  
7500402

**Achromatomaly**  
10314322

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15288089 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 #E94719 looks like.

```
.text, #text, p{  
    color:#E94719  
}
```

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 #E94719 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E94719
}
```

## Border

The CSS property to change the border of an element to Decimal 15288089 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".

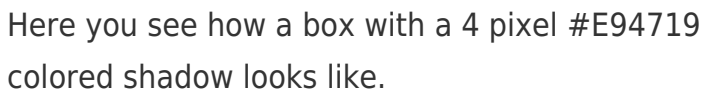
```
.border, #border, table{ border:4px solid
#E94719 }
```

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

```
.border{ border-color:#E94719 }
```

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

Here you see how a box with a 4 pixel #E94719 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E94719; -webkit-box-shadow:4px 4px  
4px 4px #E94719; box-shadow:4px 4px 4px  
4px #E94719 }
```

# Background

The CSS property to change the background color of an element to Decimal 15288089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E94719 }
```

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

```
.background{ background-color:#E94719 }
```

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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