

# Converting Colors

Decimal(15094586)

Have a look what the booklet for  
Decimal(15094586) contains.

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# Color

**Decimal(15094586)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6533A
RGB	230, 83, 58
RGB Percent	90%, 33%, 23%
CMY	0.0980, 0.6745, 0.7725
CMYK	0.00, 0.64, 0.75, 0.10
HSL	9°, 77%, 56%
HSV	9°, 75%, 90%
XYZ	36.4901, 23.3150, 6.5800
YIQ	124.1030, 95.6370, 23.3890

# Conversions

## Conversions Part 2

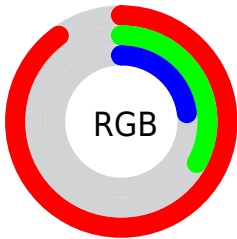
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 87, 58
Decimal	15094586
CIE <sub>Lab</sub>	55.40, 55.66, 44.61
CIE <sub>LCh</sub>	55, 71.331, 38.712
Yxy	23.3150, 0.5497, 0.3512
Android (android.graphics.Color)	4293284666 (0xFFE6533A)
YUV	124.1030, -32.5888, 92.8717
Hunter-Lab	48.2856, 50.3951, 25.7203

# Details

The Decimal color **15094586** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3853798**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16747115**, and **10949388** is the 20% darker color. If you saturate the color by 10%, you get **15089443**, and if you desaturate by 10%, it is **15099729**.

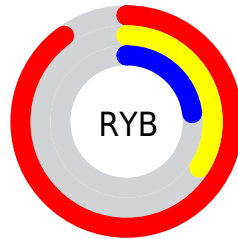
# Distribution



Red (90%)

Green (33%)

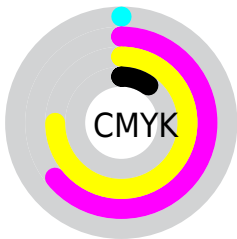
Blue (23%)



Red (90%)

Yellow (34%)

Blue (23%)

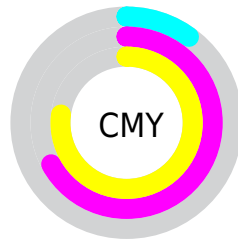


Cyan (0%)

Magenta (64%)

Yellow (75%)

Black (10%)



Cyan (10%)

Magenta (67%)


Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15094586 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 15094586 by changing the saturation by 10% instead.




 15094586	 15094586
16777215	 12989987
 16747115	 10949388
 16754564	 8912896
 16761759	 6881280
 16769210	 4915200
 16776918	 3080194
 16777202	 0
 15094586	 15094586
 15089443	 15099729


 15084556

 15104616

 15081728

 15109759

 15114902

 15119789

 15124932

 15130075

 15134962

 15138815

# Harmonies

## Analogous

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



15809909



15094586



12808448

# Triad

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



15094586



40277



34559

# Complementary

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



15094586



3853798

# 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.



38904



15094586



41110

# Square

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



15094586



4953614



40913



10251238

# Rectangle

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



15094586



10649856



40913



36351



# Sweetspot

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



15094586



16764871



15088335



8414046



0



8421504



# Same Dimension

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



15094586



16726809



15116090



7563623



11737600



3344128

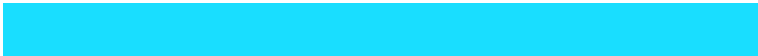


# Inverse Universe

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



3853798



1695487



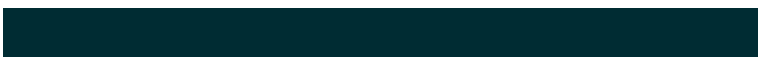
3832294



6779251



39347

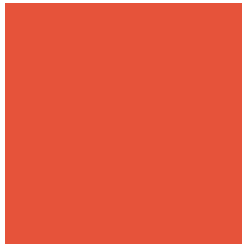


11315



# Previews

## White Background



This preview shows how the Decimal color 15094586 looks on a white background.

## Color Contrast Check

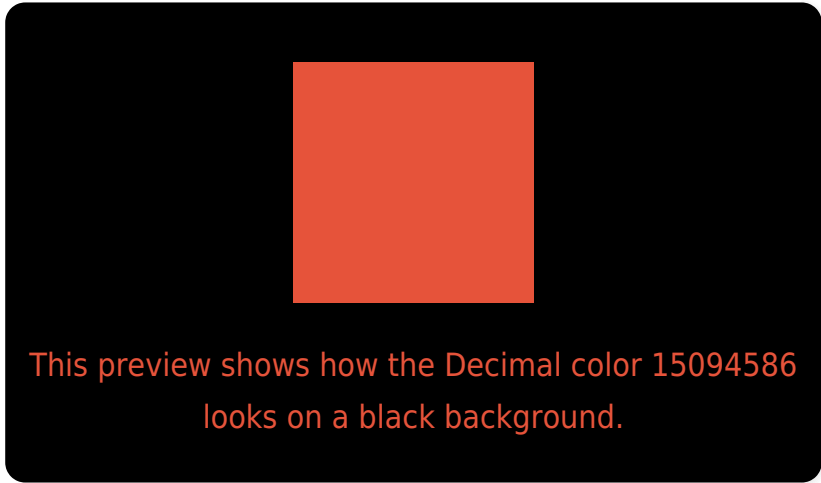
Large Text (above 18pt) WCAG AA ✓ Pass

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 15094586 Background



This preview shows how black text looks on a background with the Decimal color 15094586.




This preview shows how white text looks on a background with the Decimal color 15094586.

# 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





**Tritanopia**  
15159380

# Trichromacy



**Original Color**  
15094586

**Protanomaly**  
11629380

**Deuteranomaly**  
12414516

**Tritanomaly**  
15159627

# Monochromacy



**Original Color**  
15094586

**Achromatopsia**  
8158332

**Achromatomaly**  
10710372

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15094586 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 #E6533A looks like.

```
.text, #text, p{  
    color:#E6533A  
}
```

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 #E6533A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6533A
}
```

## Border

The CSS property to change the border of an element to Decimal 15094586 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
#E6533A }
```

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

```
.border{ border-color:#E6533A }
```

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

Here you see how a box with a 4 pixel #E6533A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6533A; -webkit-box-shadow:4px 4px  
4px 4px #E6533A; box-shadow:4px 4px 4px  
4px #E6533A }
```

# Background

The CSS property to change the background color of an element to Decimal 15094586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6533A }
```

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

```
.background{ background-color:#E6533A }
```

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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