

# Converting Colors

Decimal(15024670)

Have a look what the booklet for  
Decimal(15024670) contains.

<b>Decimal(15024670)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(15024670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5421E
RGB	229, 66, 30
RGB Percent	90%, 26%, 12%
CMY	0.1020, 0.7412, 0.8824
CMYK	0.00, 0.71, 0.87, 0.10
HSL	11°, 79%, 51%
HSV	11°, 87%, 90%
XYZ	34.4957, 20.6482, 3.3957
YIQ	110.6330, 108.7040, 23.3600

# Conversions

## Conversions Part 2

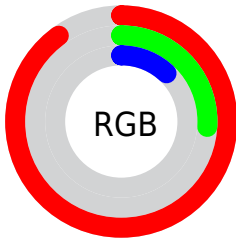
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 74, 30
Decimal	15024670
CIE <sub>Lab</sub>	52.56, 61.13, 55.26
CIE <sub>LCh</sub>	53, 82.400, 42.114
Yxy	20.6482, 0.5893, 0.3527
Android (android.graphics.Color)	4293214750 (0xFFE5421E)
YUV	110.6330, -39.7521, 103.8079
Hunter-Lab	45.4403, 55.9865, 27.3776

# Details

The Decimal color **15024670** 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 **2015717**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **16743503**, and **10813440** is the 20% darker color. If you saturate the color by 10%, you get **15019783**, and if you desaturate by 10%, it is **15029557**.

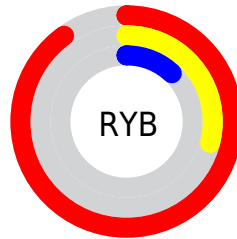
# Distribution



Red (90%)

Green (26%)

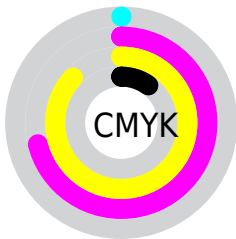
Blue (12%)



Red (90%)

Yellow (29%)

Blue (12%)

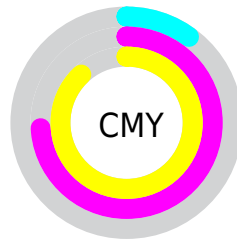


Cyan (0%)

Magenta (71%)

Yellow (87%)

Black (10%)



Cyan (10%)

Magenta (74%)
















Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15024670 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 15024670 by changing the saturation by 10% instead.



 15024670	 15024670
16777215	 12918786
 16743503	 10813440
 16750697	 8716288
 16758147	 6619136
 16765597	 4718594
 16773049	 2752513
 16777173	 0
 16777202	
 15024670	 15024670

15019783

15029557

15018240

15034444

15039075

15043962

15048849

15053735

15058366

15063253

15068140

# Harmonies

## Analogous

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



16122980



15024670



12216832

# Triad

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



15024670



39247



32255

# Complementary

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



15024670



2015717

# 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.



37375



15024670



39833

# Square

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



15024670



1872384



39644



10574568

# Rectangle

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



15024670



9731072



39644



34559



# Sweetspot

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



15024670



16763325



15015620



8413016



0



8421504



# Same Dimension

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



15024670



16723456



15049502



7563623



11739136



3344640



# Inverse Universe

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



2015717



53759



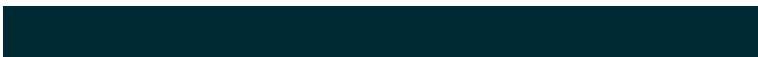
1990885



6779251



37555



10803



# Previews

## White Background



This preview shows how the Decimal color 15024670 looks on a white background.

## Color Contrast Check

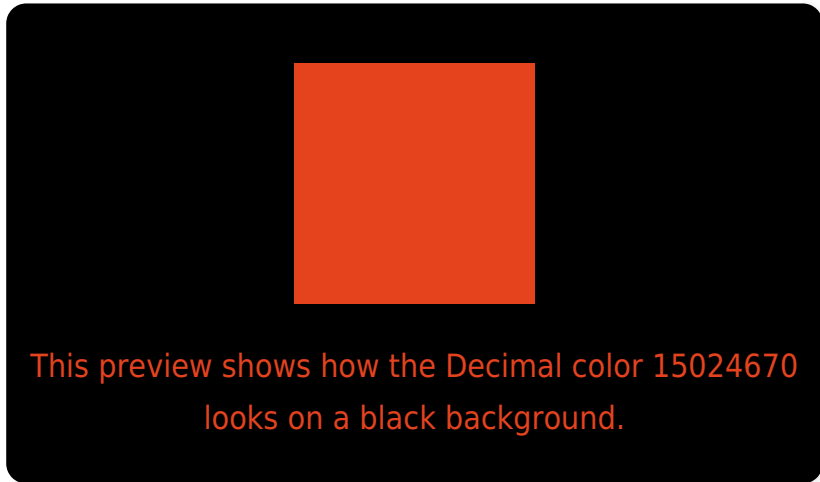
Large Text (above 18pt) WCAG AA ✓ Pass

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 15024670 Background



This preview shows how black text looks on a background with the Decimal color 15024670.



This preview shows how white text looks on a background with the Decimal color 15024670.

# 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](#).

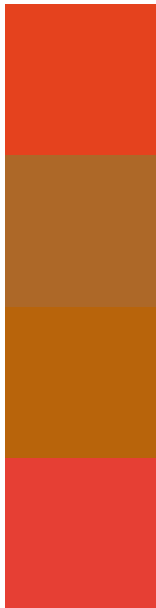
## Dichromacy





**Tritanopia**  
15089217

# Trichromacy



**Original Color**  
15024670

**Protanomaly**  
11364392

**Deuteranomaly**  
12084235

**Tritanomaly**  
15089460

# Monochromacy



**Original Color**  
15024670

**Achromatopsia**  
7303023

**Achromatomaly**  
10116946

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15024670 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 #E5421E looks like.

```
.text, #text, p{  
    color:#E5421E  
}
```

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 #E5421E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5421E
}
```

## Border

The CSS property to change the border of an element to Decimal 15024670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

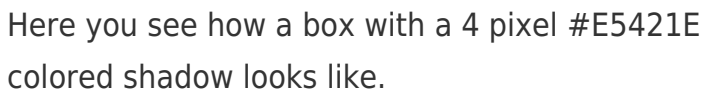
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E5421E }
```

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

```
.border{ border-color:#E5421E }
```

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



Here you see how a box with a 4 pixel #E5421E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5421E; -webkit-box-shadow:4px 4px  
4px 4px #E5421E; box-shadow:4px 4px 4px  
4px #E5421E }
```

# Background

The CSS property to change the background color of an element to Decimal 15024670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5421E }
```

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

```
.background{ background-color:#E5421E }
```

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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