

# Converting Colors

Decimal(15415629)

Have a look what the booklet for  
Decimal(15415629) contains.

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# Color

**Decimal(15415629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB394D
RGB	235, 57, 77
RGB Percent	92%, 22%, 30%
CMY	0.0784, 0.7765, 0.6980
CMYK	0.00, 0.76, 0.67, 0.08
HSL	353°, 82%, 57%
HSV	353°, 76%, 92%
XYZ	37.0636, 21.1242, 9.1451
YIQ	112.5020, 99.6680, 43.9560

# Conversions

## Conversions Part 2

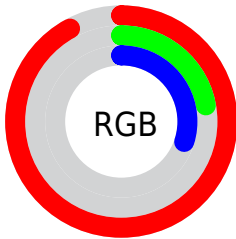
<b>Format</b>	<b>Color</b>
<b>RYB</b>	235, 57, 77
Decimal	15415629
CIELab	53.09, 67.51, 31.53
CIElCh	53, 74.509, 25.031
Yxy	21.1242, 0.5505, 0.3137
Android (android.graphics.Color)	4293605709 (0xFFEB394D)
YUV	112.5020, -17.5025, 107.4307
Hunter-Lab	45.9611, 63.5127, 20.3756

# Details

The Decimal color **15415629** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **3795927**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16742014**, and **11206689** is the 20% darker color. If you saturate the color by 10%, you get **15409464**, and if you desaturate by 10%, it is **15421794**.

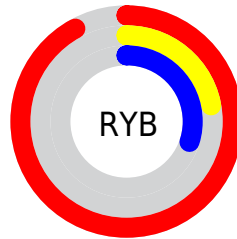
# Distribution



Red (92%)

Green (22%)

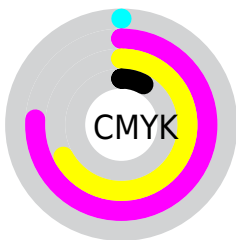
Blue (30%)



Red (92%)

Yellow (22%)

Blue (30%)

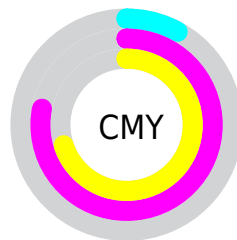


Cyan (0%)

Magenta (76%)

Yellow (67%)

Black (8%)



Cyan (8%)

Magenta (78%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15415629 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 15415629 by changing the saturation by 10% instead.



 15415629

 15415629

16777215

 13306678

 16742014

 11206689

 16749464

 9175053

 16756915

 7143424

 16764622

 5177346

 16772330

 3145730

 0

 15415629

 15415629

 15409464

 15421794

■ 15403555

■ 15427703

■ 15400986

■ 15433612

■ 15439776

■ 15445941

■ 15451850

■ 15457759

■ 15463924

■ 15466495

# Harmonies

## Analogous

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



15216524



15415629



13720582

# Triad

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



15415629



38189



35583

# Complementary

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



15415629



3795927

# 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.



38632



15415629



39538

# Square

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



15415629



6654720



39860



6255604

# Rectangle

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



15415629



11759616



39860



36860



# Sweetspot

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



15415629



16762059



14039531



8412256



0



8421504



# Same Dimension

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



15415629



16717617



15433017



7694955



11862036



3538950



# Inverse Universe

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



15415629



16717617



3778539



7694955



11862036



3538950



# Previews

## White Background



This preview shows how the Decimal color 15415629 looks on a white background.

## Color Contrast Check

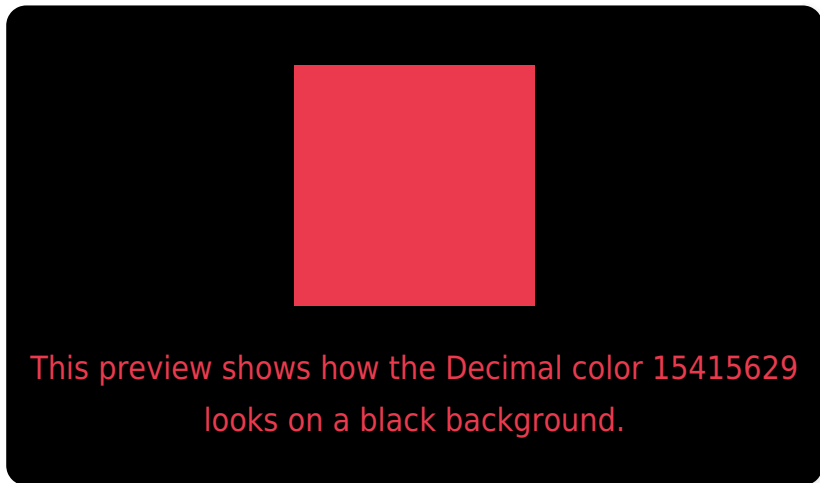
Large Text (above 18pt) WCAG AA ✓ Pass

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 15415629 Background



This preview shows how black text looks on a background with the Decimal color 15415629.

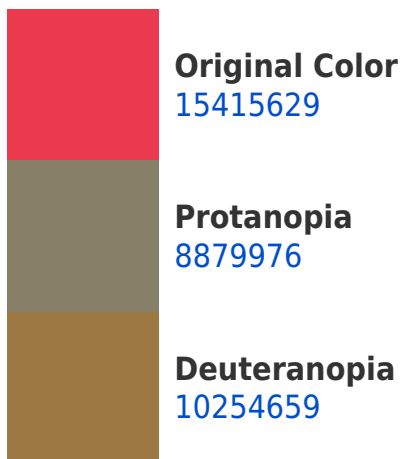


This preview shows how white text looks on a background with the Decimal color 15415629.

# 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





# Trichromacy



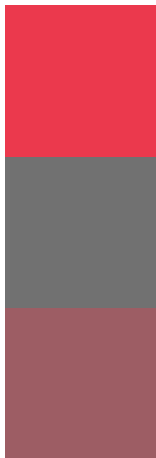
**Original Color**  
15415629

**Protanomaly**  
11232862

**Deuteranomaly**  
12149319

**Tritanomaly**  
15350595

# Monochromacy



**Original Color**  
15415629

**Achromatopsia**  
7434609

**Achromatomaly**  
10313060

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15415629 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 #EB394D looks like.

```
.text, #text, p{  
  color:#EB394D  
}
```

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 #EB394D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB394D
}
```

## Border

The CSS property to change the border of an element to Decimal 15415629 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
#EB394D }
```

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

```
.border{ border-color:#EB394D }
```

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

Here you see how a box with a 4 pixel #EB394D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB394D; -webkit-box-shadow:4px 4px  
4px 4px #EB394D; box-shadow:4px 4px 4px  
4px #EB394D }
```

# Background

The CSS property to change the background color of an element to Decimal 15415629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB394D }
```

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

```
.background{ background-color:#EB394D }
```

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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