

# Converting Colors

Decimal(15015239)

Have a look what the booklet for  
Decimal(15015239) contains.

<b>Decimal(15015239)</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(15015239)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E51D47
RGB	229, 29, 71
RGB Percent	90%, 11%, 28%
CMY	0.1020, 0.8863, 0.7216
CMYK	0.00, 0.87, 0.69, 0.10
HSL	347°, 79%, 51%
HSV	347°, 87%, 90%
XYZ	33.8898, 17.9917, 7.6478
YIQ	93.5880, 105.7180, 55.4620

# Conversions

## Conversions Part 2

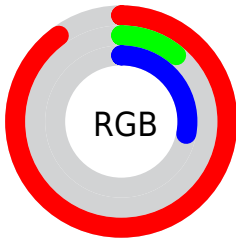
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 29, 71
Decimal	15015239
CIE <sub>Lab</sub>	49.49, 72.28, 30.39
CIE <sub>LCh</sub>	49, 78.412, 22.801
Yxy	17.9917, 0.5693, 0.3022
Android (android.graphics.Color)	4293205319 (0xFFE51D47)
YUV	93.5880, -11.1359, 118.7563
Hunter-Lab	42.4166, 68.3880, 19.0015

# Details

The Decimal color **15015239** 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 **1959355**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **16737655**, and **10813468** is the 20% darker color. If you saturate the color by 10%, you get **15009333**, and if you desaturate by 10%, it is **15021145**.

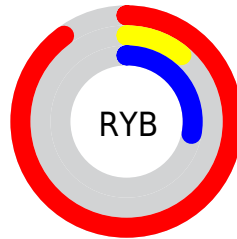
# Distribution



Red (90%)

Green (11%)

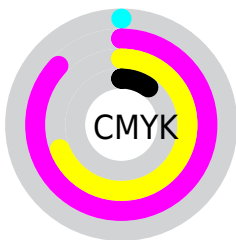
Blue (28%)



Red (90%)

Yellow (11%)

Blue (28%)

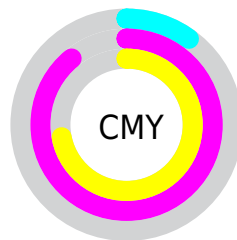


Cyan (0%)

Magenta (87%)

Yellow (69%)

Black (10%)



Cyan (10%)

Magenta (89%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15015239 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 15015239 by changing the saturation by 10% instead.



 15015239

 15015239

16777215

 12910641

 16737655

 10813468

 16745361

 8716293

 16752811

 6684673

 16760519

 4784132

 16768227

 2621441

 16775935

 0

 15015239

 15015239

 15009333

 15021145

■ 15007792

■ 15027051

■ 15032957

■ 15038863

■ 15044769

■ 15050420

■ 15056326

■ 15062232

■ 15068138

# Harmonies

## Analogous

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



14683529



15015239



13323520

# Triad

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



15015239



35862



33788

# Complementary

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



15015239



1959355

# 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.



36576



15015239



36963

# Square

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



15015239



6193408



37544



3959794

# Rectangle

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



15015239



11428864



37544



35062



# Sweetspot

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



15015239



16760267



12197349



8411232



0



8421504



# Same Dimension

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



15015239



16711734



15029789



7563114



11730981



3342347



# Inverse Universe

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



15015239



16711734



1944805



7563114



11730981



3342347



# Previews

## White Background



This preview shows how the Decimal color 15015239 looks on a white background.

## Color Contrast Check

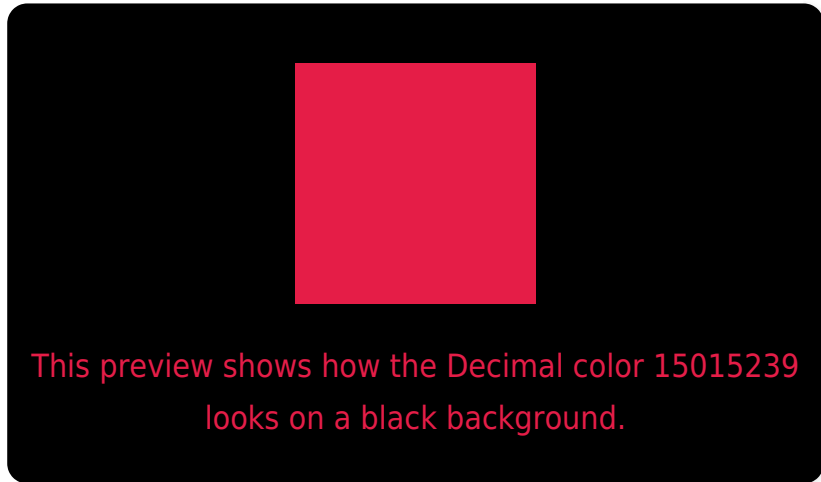
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 15015239 Background



This preview shows how black text looks on a background with the Decimal color 15015239.

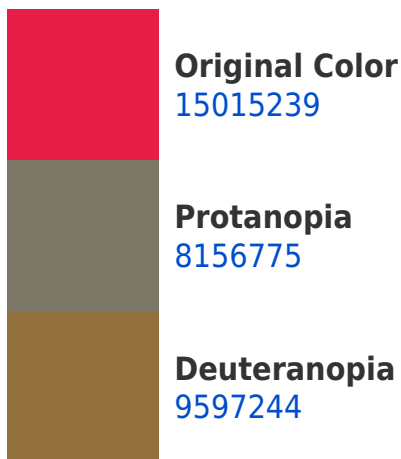



This preview shows how white text looks on a background with the Decimal color 15015239.

# 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](#).

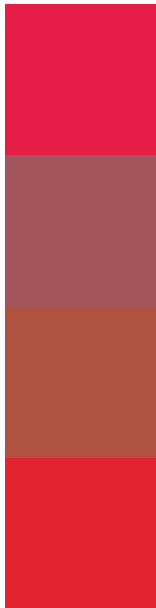
## Dichromacy





**Tritanopia**  
14951972

# Trichromacy



**Original Color**  
15015239

**Protanomaly**  
10638939

**Deuteranomaly**  
11555392

**Tritanomaly**  
14951217

# Monochromacy



**Original Color**  
15015239

**Achromatopsia**  
6184542

**Achromatomaly**  
9389654

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15015239 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 #E51D47 looks like.

```
.text, #text, p{  
    color:#E51D47  
}
```

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 #E51D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E51D47
}
```

## Border

The CSS property to change the border of an element to Decimal 15015239 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
#E51D47 }
```

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

```
.border{ border-color:#E51D47 }
```

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

Here you see how a box with a 4 pixel #E51D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E51D47; -webkit-box-shadow:4px 4px  
4px 4px #E51D47; box-shadow:4px 4px 4px  
4px #E51D47 }
```

# Background

The CSS property to change the background color of an element to Decimal 15015239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E51D47 }
```

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

```
.background{ background-color:#E51D47 }
```

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**