

# Converting Colors

Decimal(15019352)

Have a look what the booklet for  
Decimal(15019352) contains.

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# Color

**Decimal(15019352)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E52D58
RGB	229, 45, 88
RGB Percent	90%, 18%, 35%
CMY	0.1020, 0.8235, 0.6549
CMYK	0.00, 0.80, 0.62, 0.10
HSL	346°, 78%, 54%
HSV	346°, 80%, 90%
XYZ	35.0129, 19.2394, 11.1007
YIQ	104.9180, 95.8610, 52.3810

# Conversions

## Conversions Part 2

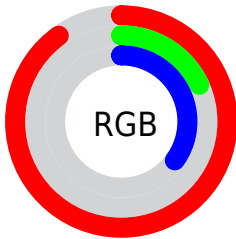
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">229, 45, 88</a>
<a href="#">Decimal</a>	<a href="#">15019352</a>
<a href="#">CIELab</a>	<a href="#">50.97, 69.78, 22.03</a>
<a href="#">CIELCh</a>	<a href="#">51, 73.174, 17.519</a>
<a href="#">Yxy</a>	<a href="#">19.2394, 0.5358, 0.2944</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293209432 (0xFFE52D58)</a>
<a href="#">YUV</a>	<a href="#">104.9180, -8.3406, 108.8199</a>
<a href="#">Hunter-Lab</a>	<a href="#">43.8627, 65.7260, 15.6989</a>

# Details

The Decimal color **15019352** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **3007930**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **16739978**, and **10879019** is the 20% darker color. If you saturate the color by 10%, you get **15013446**, and if you desaturate by 10%, it is **15025258**.

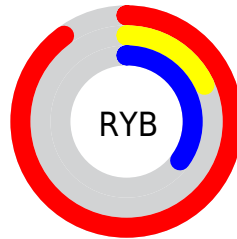
# Distribution



Red (90%)

Green (18%)

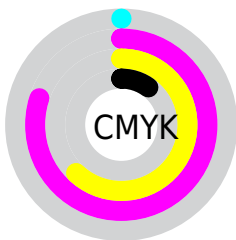
Blue (35%)



Red (90%)

Yellow (18%)

Blue (35%)

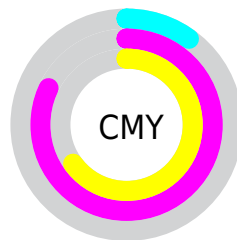


Cyan (0%)

Magenta (80%)

Yellow (62%)

Black (10%)



Cyan (10%)

Magenta (82%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15019352 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 15019352 by changing the saturation by 10% instead.




 15019352  15019352

16777215  12910657

 16739978  10879019

 16747428  8847384

 16754879  6815745

 16762587  4915203

 16770039  2818049

 0

 15019352  15019352

 15013446  15025258

■ 15007798

■ 15031163

■ 15037069

■ 15042974

■ 15048880

■ 15054529

■ 15060435

■ 15066340

■ 15072246

# Harmonies

## Analogous

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



14299286



15019352



13717274

# Triad

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



15019352



757013



35060

# Complementary

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



15019352



3007930

# 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.



37589



15019352



37724

# Square

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



15019352



7438848



38045



1864946

# Rectangle

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



15019352



12084224



38045



36334



# Sweetspot

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



15019352



16761552



12004837



8412003



0



8421504



# Same Dimension

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



15019352



16714307



15031085



7563114



11730986



3342348



# Inverse Universe

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



15019352



16714307



2996197



7563114



11730986

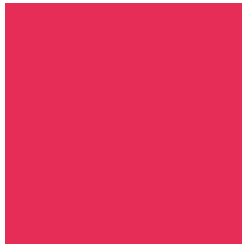


3342348



# Previews

## White Background



This preview shows how the Decimal color 15019352 looks on a white background.

## Color Contrast Check

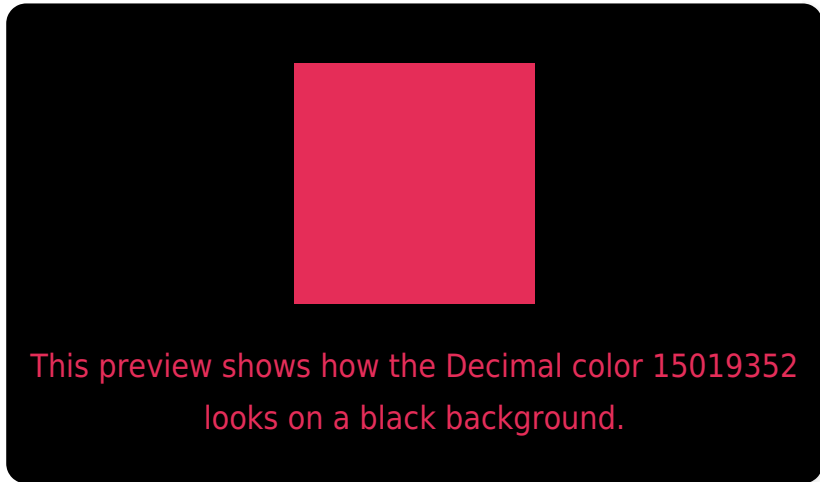
Large Text (above 18pt) WCAG AA ✓ Pass

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 15019352 Background



This preview shows how black text looks on a background with the Decimal color 15019352.

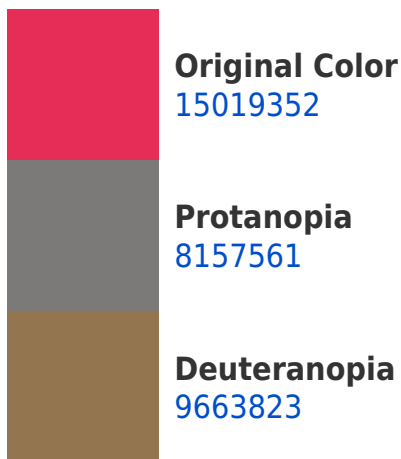


This preview shows how white text looks on a background with the Decimal color 15019352.

# 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](#).

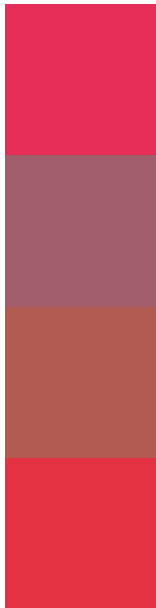
## Dichromacy





**Tritanopia**  
14955830

# Trichromacy



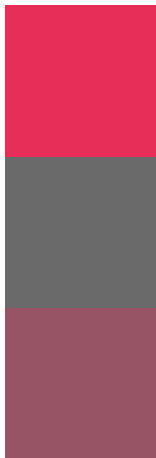
**Original Color**  
15019352

**Protanomaly**  
10640749

**Deuteranomaly**  
11623250

**Tritanomaly**  
14955074

# Monochromacy



**Original Color**  
15019352

**Achromatopsia**  
6908265

**Achromatomaly**  
9851747

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15019352 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 #E52D58 looks like.

```
.text, #text, p{  
    color:#E52D58  
}
```

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 #E52D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E52D58
}
```

## Border

The CSS property to change the border of an element to Decimal 15019352 is called "border". The border property can be set on classes, ids or directly on the HTML element.

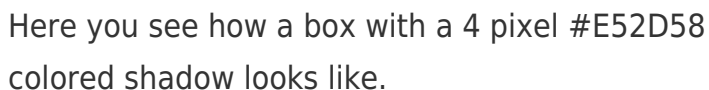
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E52D58 }
```

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

```
.border{ border-color:#E52D58 }
```

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



Here you see how a box with a 4 pixel #E52D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E52D58; -webkit-box-shadow:4px 4px  
4px 4px #E52D58; box-shadow:4px 4px 4px  
4px #E52D58 }
```

# Background

The CSS property to change the background color of an element to Decimal 15019352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E52D58 }
```

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

```
.background{ background-color:#E52D58 }
```

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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