

# Converting Colors

Decimal(15352645)

Have a look what the booklet for  
Decimal(15352645) contains.

<b>Decimal(15352645)</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(15352645)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA4345
RGB	234, 67, 69
RGB Percent	92%, 26%, 27%
CMY	0.0824, 0.7373, 0.7294
CMYK	0.00, 0.71, 0.71, 0.08
HSL	359°, 80%, 59%
HSV	359°, 71%, 92%
XYZ	37.0130, 21.9364, 7.9136
YIQ	117.1610, 98.8900, 36.0260

# Conversions

## Conversions Part 2

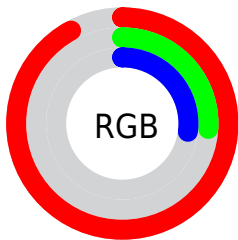
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 67, 69</a>
Decimal	<a href="#">15352645</a>
CIELab	<a href="#">53.96, 63.58, 37.16</a>
CIELCh	<a href="#">54, 73.637, 30.303</a>
Yxy	<a href="#">21.9364, 0.5536, 0.3281</a>
Android (android.graphics.Color)	<a href="#">4293542725 (0xFFEA4345)</a>
YUV	<a href="#">117.1610, -23.7434, 102.4678</a>
Hunter-Lab	<a href="#">46.8363, 59.0984, 22.7676</a>

# Details

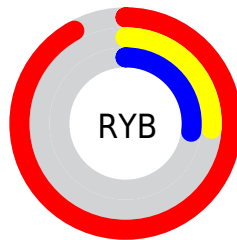
The Decimal color **15352645** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4451048**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **16743798**, and **11141145** is the 20% darker color. If you saturate the color by 10%, you get **15346734**, and if you desaturate by 10%, it is **15358556**.

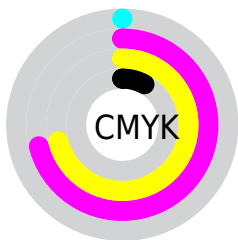
# Distribution



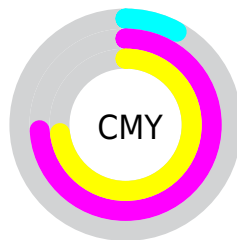
- Red (92%)
- Green (26%)
- Blue (27%)



- Red (92%)
- Yellow (26%)
- Blue (27%)



- Cyan (0%)
- Magenta (71%)
- Yellow (71%)
- Black (8%)









- Cyan (8%)
- Magenta (74%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15352645 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 15352645 by changing the saturation by 10% instead.



 15352645	 15352645
16777215	 13246510
 16743798	 11141145
 16751247	 9109505
 16758698	 7077888
 16766149	 5111810
 16773857	 3145730
16777214	 0
 15352645	 15352645
 15346734	 15358556

 15340567

 15364723

 15335427

 15370634

 15376801

 15382713

 15388624

 15394791

 15400702

 15400959

# Harmonies

## Analogous

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



15544963



15352645



13394944

# Triad

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



15352645



38973



35327

# Complementary

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



15352645



4451048

# 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.



38896



15352645



40064

# Square

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



15352645



6000384



40128



8024304

# Rectangle

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



15352645



11368192



40128



36863



# Sweetspot

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



15352645



16763338



15156202



8413280



0



8421504



# Same Dimension

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



15352645



16720934



15373379



7694954



11862018



3538945



# Inverse Universe

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



15352645



16720934



4430314



7694954



11862018



3538945



# Previews

## White Background



This preview shows how the Decimal color 15352645 looks on a white background.

## Color Contrast Check

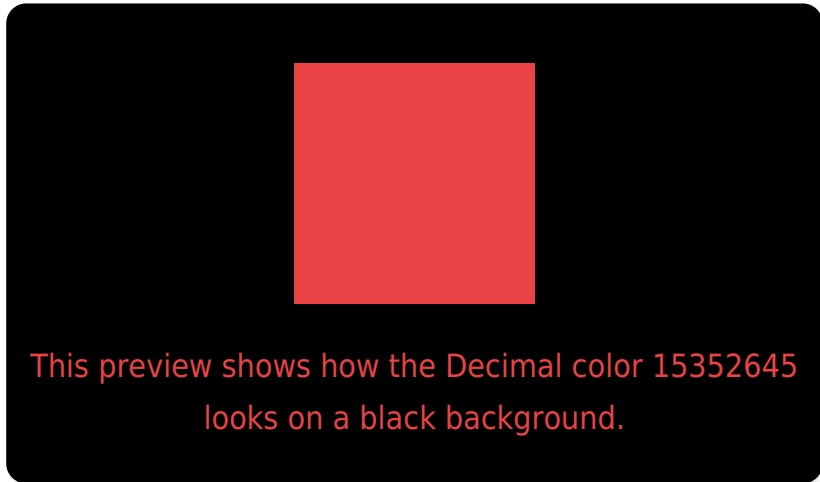
Large Text (above 18pt) WCAG AA ✓ Pass

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 15352645 Background



This preview shows how black text looks on a background with the Decimal color 15352645.

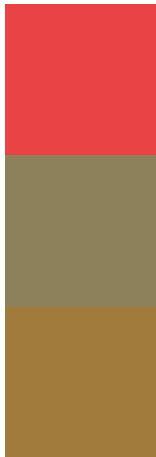


This preview shows how white text looks on a background with the Decimal color 15352645.

# 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



**Original Color**  
15352645

**Protanopia**  
9208155

**Deuteranopia**  
10517307



# Trichromacy



**Original Color**  
15352645

**Protanomaly**  
11430483

**Deuteranomaly**  
12281663

**Tritanomaly**  
15352646

# Monochromacy



**Original Color**  
15352645

**Achromatopsia**  
7697781

**Achromatomaly**  
10511204

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15352645 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 #EA4345 looks like.

```
.text, #text, p{  
  color:#EA4345  
}
```

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 #EA4345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA4345
}
```

## Border

The CSS property to change the border of an element to Decimal 15352645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

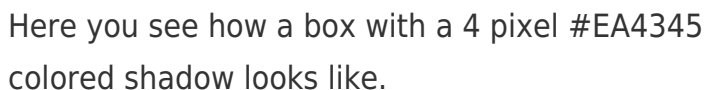
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA4345 }
```

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

```
.border{ border-color:#EA4345 }
```

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



Here you see how a box with a 4 pixel #EA4345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA4345; -webkit-box-shadow:4px 4px  
4px 4px #EA4345; box-shadow:4px 4px 4px  
4px #EA4345 }
```

# Background

The CSS property to change the background color of an element to Decimal 15352645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA4345 }
```

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

```
.background{ background-color:#EA4345 }
```

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