

# Converting Colors

Decimal(15222585)

Have a look what the booklet for  
Decimal(15222585) contains.

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# Color

**Decimal(15222585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E84739
RGB	232, 71, 57
RGB Percent	91%, 28%, 22%
CMY	0.0902, 0.7216, 0.7765
CMYK	0.00, 0.69, 0.75, 0.09
HSL	5°, 79%, 57%
HSV	5°, 75%, 91%
XYZ	36.2705, 21.9577, 6.1975
YIQ	117.5430, 100.4500, 29.7780

# Conversions

## Conversions Part 2

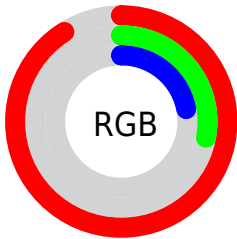
Format	Color
<a href="#">RYB</a>	<a href="#">232, 72, 57</a>
Decimal	<a href="#">15222585</a>
CIELab	<a href="#">53.98, 61.02, 43.73</a>
CIElCh	<a href="#">54, 75.069, 35.624</a>
Yxy	<a href="#">21.9577, 0.5630, 0.3408</a>
Android (android.graphics.Color)	<a href="#">4293412665 (0xFFE84739)</a>
YUV	<a href="#">117.5430, -29.8477, 100.3788</a>
Hunter-Lab	<a href="#">46.8590, 56.1617, 24.9597</a>

# Details

The Decimal color **15222585** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3791592**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **16744553**, and **11010060** is the 20% darker color. If you saturate the color by 10%, you get **15217186**, and if you desaturate by 10%, it is **15227984**.

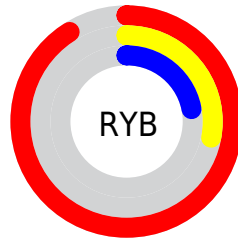
# Distribution



Red (91%)

Green (28%)

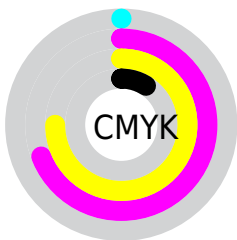
Blue (22%)



Red (91%)

Yellow (28%)

Blue (22%)

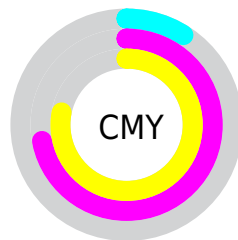


Cyan (0%)

Magenta (69%)

Yellow (75%)

Black (9%)



Cyan (9%)

Magenta (72%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15222585 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 15222585 by changing the saturation by 10% instead.



 15222585

 15222585

16777215

 13117218

 16744553

 11010060

 16752003

 8978432

 16759197

 6946816

 16766904

 4980737

 16774356

 3014658

 16777201

 0

 15222585

 15222585

 15217186

 15227984

■ 15211531

■ 15233639

■ 15209216

■ 15239039

■ 15244438

■ 15250093

■ 15255492

■ 15260891

■ 15266547

■ 15269887

# Harmonies

## Analogous

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



15806072



15222585



12937472

# Triad

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



15222585



39496



34559

# Complementary

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



15222585



3791592

# 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.



38648



15222585



40332

# Square

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



15222585



4952576



40139



9333228

# Rectangle

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



15222585



10779392



40139



36095



# Sweetspot

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



15222585



16763332



15219164



8413020



0



8421504



# Same Dimension

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



15222585



16722455



15244345



7563367



11734528



3343360



# Inverse Universe

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



3791592



1567999



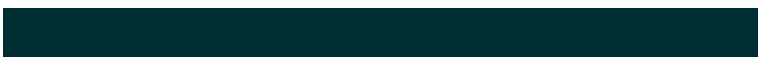
3769832



6779507



42163



12083



# Previews

## White Background



This preview shows how the Decimal color 15222585 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



This preview shows how the Decimal color 15222585 looks on a 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 15222585 Background



This preview shows how black text looks on a background with the Decimal color 15222585.



This preview shows how white text looks on a background with the Decimal color 15222585.

# 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**  
15222585

**Protanopia**  
9339467

**Deuteranopia**  
10648366



# Trichromacy



**Original Color**  
15222585

**Protanomaly**  
11496772

**Deuteranomaly**  
12281906

**Tritanomaly**  
15287875

# Monochromacy



**Original Color**  
15222585

**Achromatopsia**  
7763574

**Achromatomaly**  
10446176

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15222585 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 #E84739 looks like.

```
.text, #text, p{  
    color:#E84739  
}
```

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 #E84739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E84739
}
```

## Border

The CSS property to change the border of an element to Decimal 15222585 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
#E84739 }
```

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

```
.border{ border-color:#E84739 }
```

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

Here you see how a box with a 4 pixel #E84739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E84739; -webkit-box-shadow:4px 4px  
4px 4px #E84739; box-shadow:4px 4px 4px  
4px #E84739 }
```

# Background

The CSS property to change the background color of an element to Decimal 15222585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E84739 }
```

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

```
.background{ background-color:#E84739 }
```

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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