

# Converting Colors

Decimal(15033683)

Have a look what the booklet for  
Decimal(15033683) contains.

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# Color

**Decimal(15033683)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E56553
RGB	229, 101, 83
RGB Percent	90%, 40%, 33%
CMY	0.1020, 0.6039, 0.6745
CMYK	0.00, 0.56, 0.64, 0.10
HSL	7°, 74%, 61%
HSV	7°, 64%, 90%
XYZ	38.5281, 26.5899, 11.2853
YIQ	137.2200, 82.0660, 21.5380

# Conversions

## Conversions Part 2

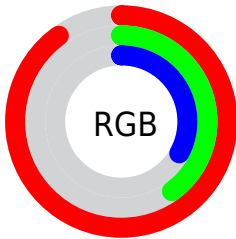
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 104, 83
Decimal	15033683
CIE <sub>Lab</sub>	58.59, 48.52, 34.66
CIE <sub>LCh</sub>	59, 59.629, 35.541
Yxy	26.5899, 0.5043, 0.3480
Android (android.graphics.Color)	4293223763 (0xFFE56553)
YUV	137.2200, -26.7305, 80.4911
Hunter-Lab	51.5654, 43.1304, 23.1199

# Details

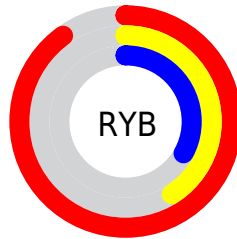
The Decimal color **15033683** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **5493733**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16751493**, and **10956581** is the 20% darker color. If you saturate the color by 10%, you get **15028540**, and if you desaturate by 10%, it is **15038826**.

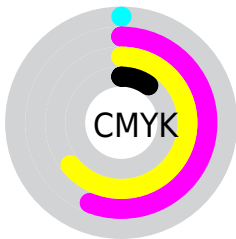
# Distribution



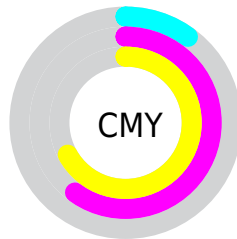
- Red (90%)
- Green (40%)
- Blue (33%)



- Red (90%)
- Yellow (41%)
- Blue (33%)



- Cyan (0%)
- Magenta (56%)
- Yellow (64%)
- Black (10%)



- Cyan (10%)
- Magenta (60%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15033683 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 15033683 by changing the saturation by 10% instead.



 15033683

 15033683

16777215

 12995132

 16751493

 10956581

 16758687

 8982032

 16766138

 7077888

 16773590

 5111808

 16777203

 3407874

 0

 15033683

 15033683

 15028540

 15038826

 15023397

 15043969

 15018254

 15049112

 15014912

 15054255

 15059398

 15064540

 15069939

 15073279

# Harmonies

## Analogous

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



15424133



15033683



13204009

# Triad

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



15033683



41823



954613

# Complementary

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



15033683



5493733

# 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.



40684



15033683



42645

# Square

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



15033683



6855472



42184



10189795

# Rectangle

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



15033683



11438102



42184



38389



# Sweetspot

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



15033683



16766415



15029204



8414818



0



8421504



# Same Dimension

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



15033683



16732987



15052115



7563623



11736576



3343872

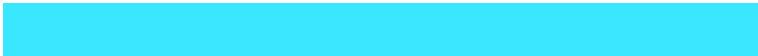


# Inverse Universe

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



5493733



3926015



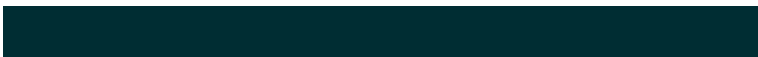
5475301



6779251



40115



11571



# Previews

## White Background



This preview shows how the Decimal color 15033683 looks on a white background.

## Color Contrast Check

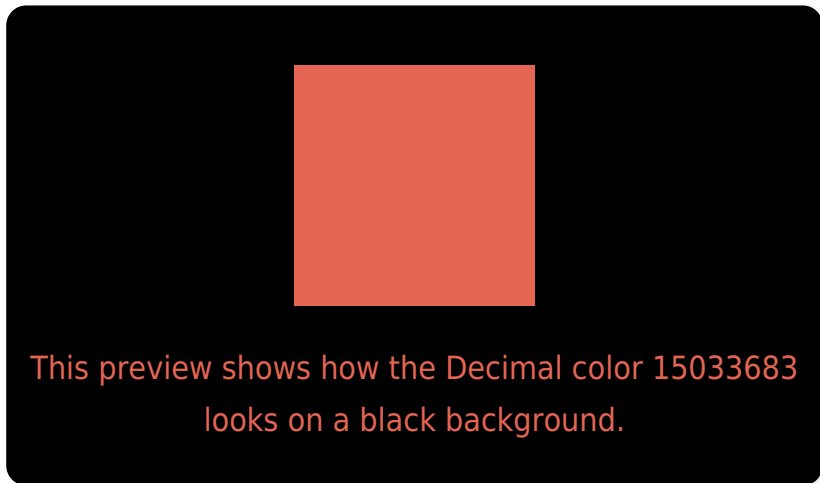
Large Text (above 18pt) WCAG AA ✓ Pass

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 15033683 Background



This preview shows how black text looks on a background with the Decimal color 15033683.



This preview shows how white text looks on a background with the Decimal color 15033683.

# 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**  
15033683

**Protanomaly**  
11894365

**Deuteranomaly**  
12680015

**Tritanomaly**  
15098720

# Monochromacy



**Original Color**  
15033683

**Achromatopsia**  
9013641

**Achromatomaly**  
11172981

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15033683 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 #E56553 looks like.

```
.text, #text, p{  
  color:#E56553  
}
```

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 #E56553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E56553
}
```

## Border

The CSS property to change the border of an element to Decimal 15033683 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
#E56553 }
```

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

```
.border{ border-color:#E56553 }
```

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

Here you see how a box with a 4 pixel #E56553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E56553; -webkit-box-shadow:4px 4px  
4px 4px #E56553; box-shadow:4px 4px 4px  
4px #E56553 }
```

# Background

The CSS property to change the background color of an element to Decimal 15033683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E56553 }
```

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

```
.background{ background-color:#E56553 }
```

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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