

# Converting Colors

Hex(E15A56)

Have a look what the booklet for  
Hex(E15A56) contains.

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# Color

**Hex(E15A56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E15A56
RGB	225, 90, 86
RGB Percent	88%, 35%, 34%
CMY	0.1176, 0.6471, 0.6627
CMYK	0.00, 0.60, 0.62, 0.12
HSL	2°, 70%, 61%
HSV	2°, 62%, 88%
XYZ	36.3872, 23.9918, 11.5172
YIQ	129.9090, 81.7440, 27.3760

# Conversions

## Conversions Part 2

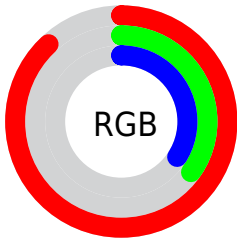
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 90, 86
Decimal	14768726
CIE <sub>Lab</sub>	56.08, 52.37, 29.69
CIE <sub>LCh</sub>	56, 60.199, 29.551
Yxy	23.9918, 0.5061, 0.3337
Android (android.graphics.Color)	4292958806 (0xFFE15A56)
YUV	129.9090, -21.6471, 83.3948
Hunter-Lab	48.9814, 46.8864, 20.3459

# Details

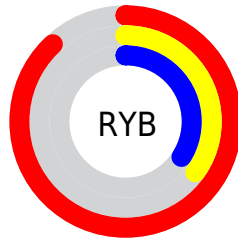
The Hex color **E15A56** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **56DDE1**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9188**, and **A42029** is the 20% darker color. If you saturate the color by 10%, you get **E14440**, and if you desaturate by 10%, it is **E1706D**.

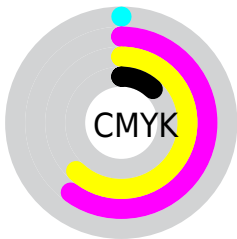
# Distribution



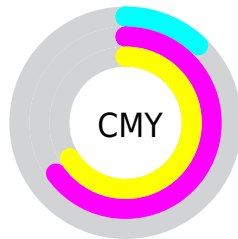
- Red (88%)
- Green (35%)
- Blue (34%)



- Red (88%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (60%)
- Yellow (62%)
- Black (12%)




- Cyan (12%)
- Magenta (65%)
- Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the Hex color E15A56 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 Hex color E15A56 by changing the saturation by 10% instead.



 E15A56

 E15A56

FFFFFF

 C23E3F

 FF9188

 A42029

 FFADA2

 850014

 FFC9BD

 680000

 FFE6D9


 4A0000

 FFFFF6


 2F0002

 000000

 E15A56

 E15A56

 E14440

 E1706D

 E12E29

 E18683

 E11813

 E19C9A

 E10600

 E1B1B0

 E1C7C7

 E1DDDD

 E1F3F3

 E1FFFF

# Harmonies

## Analogous

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



E15289



E15A56



C96F29

# Triad

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



E15A56



089B4E



008DEF

# Complementary

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



E15A56



56DDE1

# 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.



0099E0



E15A56



009F84

# Square

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



E15A56



6D921F



009EB9



8479E2

# Rectangle

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



E15A56



B07D0F



009EB9



0092EE



# Sweetspot

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



E15A56



FFD0CF



E156DF



806362



000000



808080



# Same Dimension

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



E15A56



FF4842



E19E56



706565



B00500



300100



# Inverse Universe

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



56DDE1



42FAFF



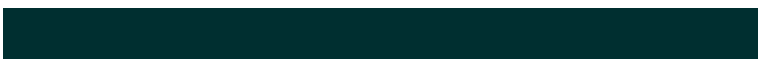
5699E1



657070



00ABB0



002F30



# Previews

## White Background



This preview shows how the Hex color E15A56 looks on a white background.

## Color Contrast Check

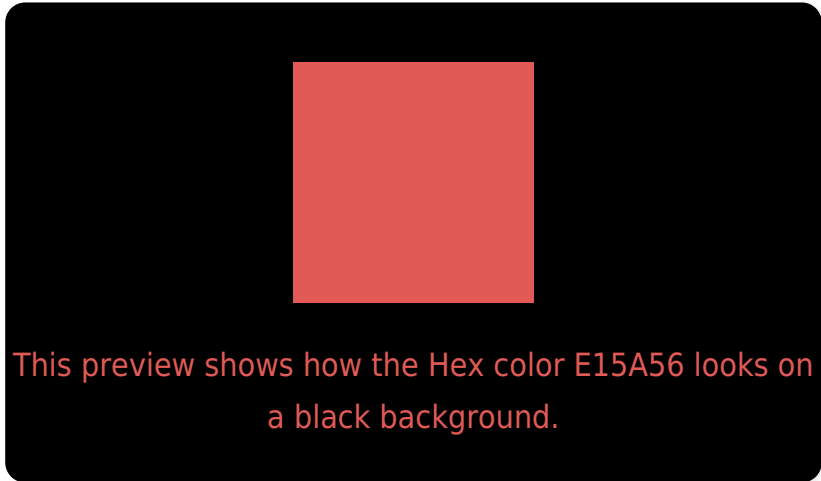
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Hex E15A56 Background



This preview shows how black text looks on a background with the Hex color E15A56.



This preview shows how white text looks on a background with the Hex color E15A56.

# 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**  
E15A56

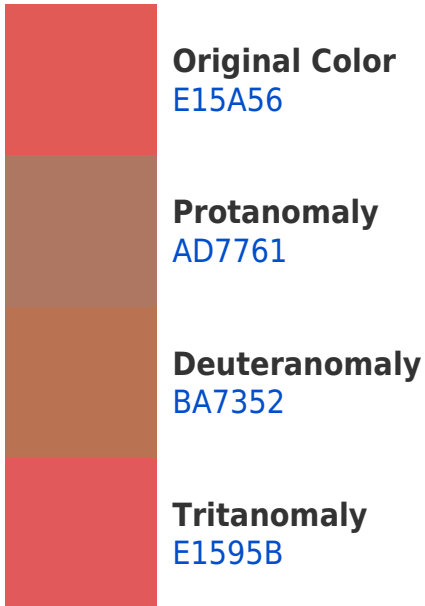
**Protanopia**  
908768

**Deuteranopia**  
A4814F

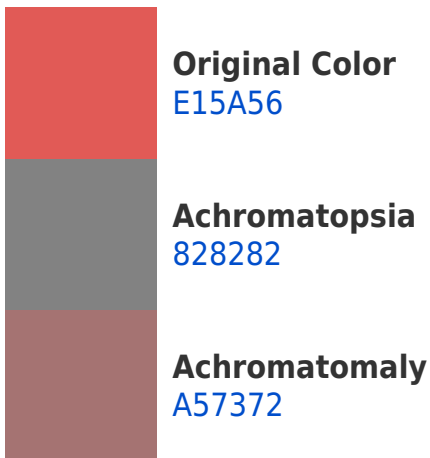


**Tritanopia**  
E1595E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E15A56 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 #E15A56 looks like.

```
.text, #text, p{  
    color:#E15A56  
}
```

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 #E15A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E15A56
}
```

## Border

The CSS property to change the border of an element to Hex E15A56 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
#E15A56 }
```

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

```
.border{ border-color:#E15A56 }
```

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

Here you see how a box with a 4 pixel #E15A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E15A56; -webkit-box-shadow:4px 4px  
4px 4px #E15A56; box-shadow:4px 4px 4px  
4px #E15A56 }
```

# Background

The CSS property to change the background color of an element to Hex E15A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E15A56 }
```

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

```
.background{ background-color:#E15A56 }
```

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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