

# Converting Colors

Hex(E53338)

Have a look what the booklet for  
Hex(E53338) contains.

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**Color**

**Hex(E53338)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E53338
RGB	229, 51, 56
RGB Percent	90%, 20%, 22%
CMY	0.1020, 0.8000, 0.7804
CMYK	0.00, 0.78, 0.76, 0.10
HSL	358°, 77%, 55%
HSV	358°, 78%, 90%
XYZ	34.2107, 19.3112, 5.6657
YIQ	104.7920, 104.4830, 39.2910

# Conversions

## Conversions Part 2

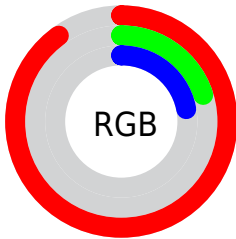
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 51, 56
Decimal	15020856
CIE Lab	51.05, 66.66, 40.94
CIE LCh	51, 78.228, 31.553
Yxy	19.3112, 0.5780, 0.3263
Android (android.graphics.Color)	4293210936 (0xFFE53338)
YUV	104.7920, -24.0545, 108.9304
Hunter-Lab	43.9445, 62.0591, 23.1170

# Details

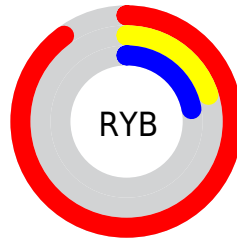
The Hex color **E53338** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **33E5E0**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7168**, and **A5000D** is the 20% darker color. If you saturate the color by 10%, you get **E51C22**, and if you desaturate by 10%, it is **E54A4E**.

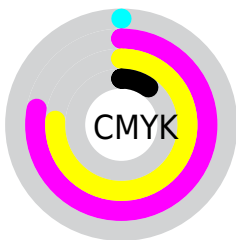
# Distribution



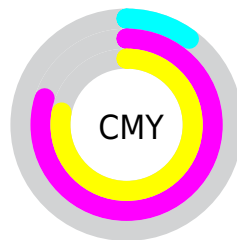
- Red (90%)
- Green (20%)
- Blue (22%)



- Red (90%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (78%)
- Yellow (76%)
- Black (10%)



- Cyan (10%)
- Magenta (80%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E53338 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 E53338 by changing the saturation by 10% instead.



 E53338

 E53338

FFFFFF

 C50022

 FF7168

 A5000D

 FF8E81

 850000

 FFAB9B

 660000

 FFC8B6

 490003

 FFE6D2

 290001

 FFFFEE

 000000

 E53338

 E53338

 E51C22

 E54A4E

 E5050B

 E56165

 E50006

 E5787B

 E58F91

 E5A6A7

 E5BCBE

 E5D3D4

 E5EAEA

 E5FFFF

# Harmonies

## Analogous

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



EA1179



E53338



C45C00

# Triad

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



E53338



009234



0082FF

# Complementary

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



E53338



33E5E0

# 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.



0090F0



E53338



00957B

# Square

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



E53338



4C8900



0096BE



7566ED

# Rectangle

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



E53338



A37000



0096BE



0088FF



# Sweetspot

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



E53338



FFC4C6



DF33E5



805C5D



000000



808080



# Same Dimension

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



E53338



FF1219



E58633



736768



B30005



330001



# Inverse Universe

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



E53338



FF1219



3392E5



736768



B30005



330001



# Previews

## White Background



This preview shows how the Hex color E53338 looks on a white background.

## Color Contrast Check

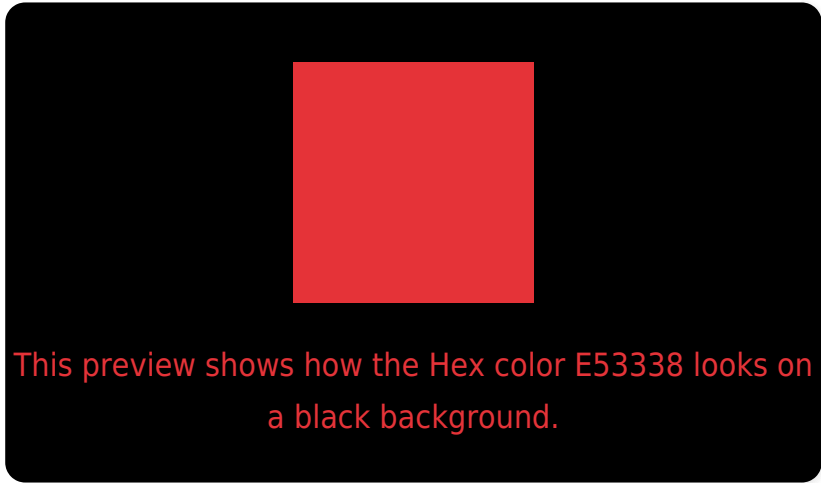
Large Text (above 18pt) WCAG AA ✓ Pass

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 E53338 Background



This preview shows how black text looks on a background with the Hex color E53338.

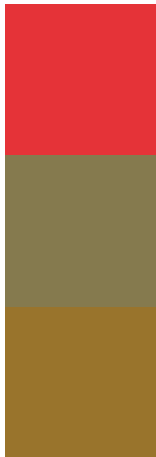


This preview shows how white text looks on a background with the Hex color E53338.

# 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**  
E53338

**Protanopia**  
857A4E

**Deuteranopia**  
99742C



**Tritanopia**  
E53434

# Trichromacy



**Original Color**  
E53338

**Protanomaly**  
A86046

**Deuteranomaly**  
B55C30

**Tritanomaly**  
E53435

# Monochromacy



**Original Color**  
E53338

**Achromatopsia**  
696969

**Achromatomaly**  
965557

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E53338 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 #E53338 looks like.

```
.text, #text, p{  
    color:#E53338  
}
```

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 #E53338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E53338
}
```

## Border

The CSS property to change the border of an element to Hex E53338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

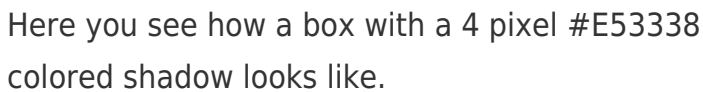
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E53338 }
```

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

```
.border{ border-color:#E53338 }
```

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



Here you see how a box with a 4 pixel #E53338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E53338; -webkit-box-shadow:4px 4px  
4px 4px #E53338; box-shadow:4px 4px 4px  
4px #E53338 }
```

# Background

The CSS property to change the background color of an element to Hex E53338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E53338 }
```

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

```
.background{ background-color:#E53338 }
```

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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