

# Converting Colors

Hex(EB3D52)

Have a look what the booklet for  
Hex(EB3D52) contains.

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# Color

Hex(EB3D52)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB3D52
RGB	235, 61, 82
RGB Percent	92%, 24%, 32%
CMY	0.0784, 0.7608, 0.6784
CMYK	0.00, 0.74, 0.65, 0.08
HSL	353°, 81%, 58%
HSV	353°, 74%, 92%
XYZ	37.4527, 21.6089, 10.1796
YIQ	115.4200, 96.9630, 43.4190

# Conversions

## Conversions Part 2

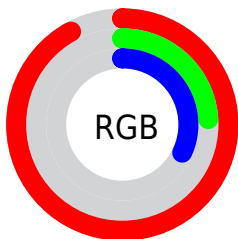
Format	Color
R <sub>Y</sub> B	235, 61, 82
Decimal	15416658
CIE Lab	53.61, 66.52, 29.24
CIE LCh	54, 72.669, 23.730
Yxy	21.6089, 0.5409, 0.3121
Android (android.graphics.Color)	4293606738 (0xFFEB3D52)
YUV	115.4200, -16.4761, 104.8717
Hunter-Lab	46.4853, 62.4661, 19.5561

# Details

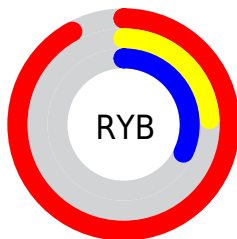
The Hex color **EB3D52** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **3DEBD6**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7983**, and **AC0026** is the 20% darker color. If you saturate the color by 10%, you get **EB253D**, and if you desaturate by 10%, it is **EB5567**.

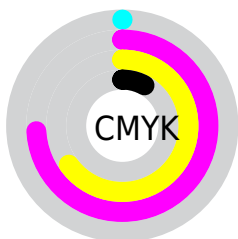
# Distribution



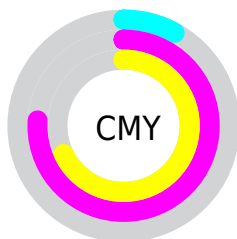
- Red (92%)
- Green (24%)
- Blue (32%)



- Red (92%)
- Yellow (24%)
- Blue (32%)



- Cyan (0%)
- Magenta (74%)
- Yellow (65%)
- Black (8%)



- Cyan (8%)
- Magenta (76%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB3D52 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 EB3D52 by changing the saturation by 10% instead.



 EB3D52

 EB3D52

FFFFFF

 CB153B

 FF7983

 AC0026

 FF969D

 8C0012

 FFB3B8

 6E0000

 FFD1D4

 4F0002

 FFEEF0

 310002

 000000

 EB3D52

 EB3D52

 EB253D

 EB5567

 EB0E29

 EB6C7B

 EB001C

 EB8490

 EB9BA5

 EBB3B9

 EBCACE

 EBE2E3

 EBF9F7

 EBFFFF

# Harmonies

## Analogous

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



E73690



EB3D52



D25D13

# Triad

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



EB3D52



00962E



008CFE

# Complementary

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



EB3D52



3DEBD6

# 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.



0098E5



EB3D52



009B70

# Square

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



EB3D52



6B8B00



009CB1



5C75F4

# Rectangle

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



EB3D52



B67100



009CB1



0091F9



# Sweetspot

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



EB3D52



FFC7CE



D43DEB



805E62



000000



808080



# Same Dimension

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



EB3D52



FF1C37



EB7D3D



756A6B



B50016



360006



# Inverse Universe

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



EB3D52



FF1C37



3DABEB



756A6B



B50016



360006



# Previews

## White Background



This preview shows how the Hex color EB3D52 looks on a white background.

## Color Contrast Check

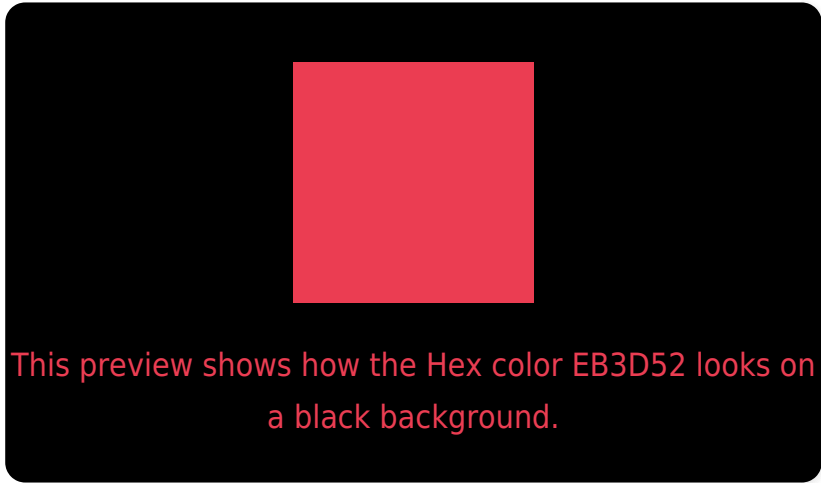
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB3D52 Background



This preview shows how black text looks on a background with the Hex color EB3D52.

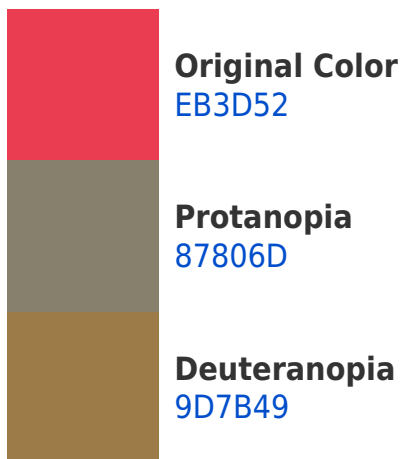


This preview shows how white text looks on a background with the Hex color EB3D52.

# Color Blindness Simulation

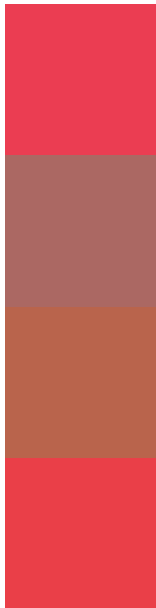
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
EB3D52

**Protanomaly**  
AB6863

**Deuteranomaly**  
B9644C

**Tritanomaly**  
EA3F48

# Monochromacy



**Original Color**  
EB3D52

**Achromatopsia**  
737373

**Achromatomaly**  
9F5F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB3D52 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 #EB3D52 looks like.

```
.text, #text, p{  
    color:#EB3D52  
}
```

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 #EB3D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB3D52
}
```

## Border

The CSS property to change the border of an element to Hex EB3D52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

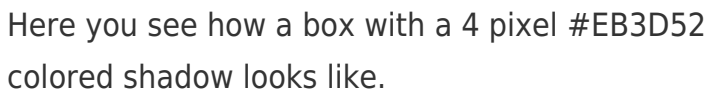
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB3D52 }
```

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

```
.border{ border-color:#EB3D52 }
```

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



Here you see how a box with a 4 pixel `#EB3D52` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB3D52; -webkit-box-shadow:4px 4px  
4px 4px #EB3D52; box-shadow:4px 4px 4px  
4px #EB3D52 }
```

# Background

The CSS property to change the background color of an element to Hex EB3D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB3D52 }
```

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

```
.background{ background-color:#EB3D52 }
```

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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