

# Converting Colors

Hex(EC262D)

Have a look what the booklet for  
Hex(EC262D) contains.

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# Color

**Hex(EC262D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC262D
RGB	236, 38, 45
RGB Percent	93%, 15%, 18%
CMY	0.0745, 0.8510, 0.8235
CMYK	0.00, 0.84, 0.81, 0.07
HSL	358°, 84%, 54%
HSV	358°, 84%, 93%
XYZ	35.7588, 19.4086, 4.3441
YIQ	98.0000, 115.7610, 44.1530

# Conversions

## Conversions Part 2

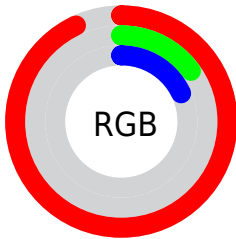
Format	Color
<a href="#">RYB</a>	<a href="#">236, 38, 45</a>
Decimal	<a href="#">15476269</a>
CIELab	<a href="#">51.16, 71.46, 47.46</a>
CIElCh	<a href="#">51, 85.785, 33.586</a>
Yxy	<a href="#">19.4086, 0.6009, 0.3261</a>
Android (android.graphics.Color)	<a href="#">4293666349</a> ( <a href="#">0xFFEC262D</a> )
YUV	<a href="#">98.0000, -26.1290, 121.0260</a>
Hunter-Lab	<a href="#">44.0551, 67.7890, 24.9922</a>

# Details

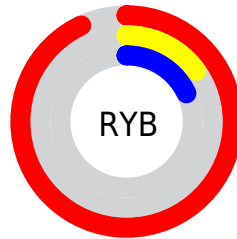
The Hex color **EC262D** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **26ECE5**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6A5C**, and **AB0000** is the 20% darker color. If you saturate the color by 10%, you get **EC0E16**, and if you desaturate by 10%, it is **EC3E44**.

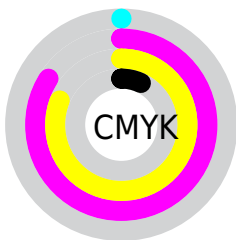
# Distribution



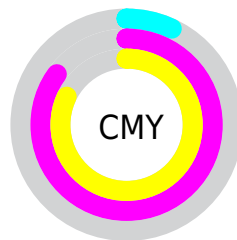
- Red (93%)
- Green (15%)
- Blue (18%)



- Red (93%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (84%)
- Yellow (81%)
- Black (7%)



- Cyan (7%)
- Magenta (85%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC262D 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 EC262D by changing the saturation by 10% instead.



 EC262D

 EC262D

FFFFFF

 CB0017

 FF6A5C

 AB0000

 FF8775

 8A0000

 FFA58F

 6A0001

 FFC2AA

 4D0003

 FFE0C5

 2D0001

 FFFEE2

 000000

FFFFFFE

 EC262D

 EC262D

 EC0E16

 EC3E44

 EC0008

 EC555B

 EC6D71

 EC8488

 EC9C9F

 ECB4B6

 ECCBCC

 ECE3E3

 ECFAFA

# Harmonies

## Analogous

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



F50075



EC262D



C65B00

# Triad

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



EC262D



009432



0081FF

# Complementary

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



EC262D



26ECE5

# 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.



0092FE



EC262D



009781

# Square

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



EC262D



3C8B00



0098CA



7B61F6

# Rectangle

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



EC262D



A27200



0098CA



0089FF



# Sweetspot

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



EC262D



FFBFC2



E226EC



80595B



000000



808080



# Same Dimension

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



EC262D



FF0009



EC7F26



756A6A



B50006



360002



# Inverse Universe

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



EC262D



FF0009



2693EC



756A6A



B50006



360002



# Previews

## White Background



This preview shows how the Hex color EC262D looks on a white background.

## Color Contrast Check

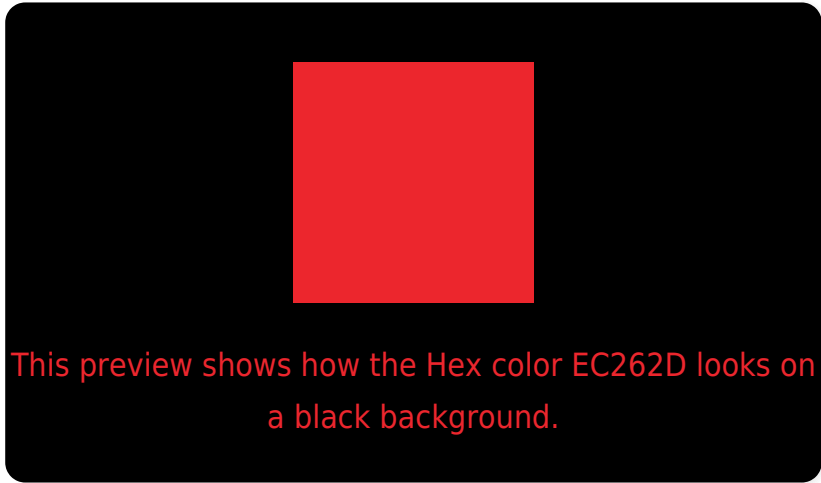
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC262D Background



This preview shows how black text looks on a background with the Hex color EC262D.



This preview shows how white text looks on a background with the Hex color EC262D.

# 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**  
EC262D

**Protanopia**  
877B43

**Deuteranopia**  
9A741B



# Trichromacy



**Original Color**  
EC262D

**Protanomaly**  
AC5C3B

**Deuteranomaly**  
B85822

**Tritanomaly**  
EC2728

# Monochromacy



**Original Color**  
EC262D

**Achromatopsia**  
626262

**Achromatomaly**  
944C4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC262D 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 #EC262D looks like.

```
.text, #text, p{  
    color:#EC262D  
}
```

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 #EC262D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC262D
}
```

## Border

The CSS property to change the border of an element to Hex EC262D 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
#EC262D }
```

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

```
.border{ border-color:#EC262D }
```

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

Here you see how a box with a 4 pixel #EC262D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC262D; -webkit-box-shadow:4px 4px  
4px 4px #EC262D; box-shadow:4px 4px 4px  
4px #EC262D }
```

# Background

The CSS property to change the background color of an element to Hex EC262D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC262D }
```

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

```
.background{ background-color:#EC262D }
```

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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