

# Converting Colors

Hex(E1302C)

Have a look what the booklet for  
Hex(E1302C) contains.

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**Color**

**Hex(E1302C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1302C
RGB	225, 48, 44
RGB Percent	88%, 19%, 17%
CMY	0.1176, 0.8118, 0.8275
CMYK	0.00, 0.79, 0.80, 0.12
HSL	1°, 75%, 53%
HSV	1°, 80%, 88%
XYZ	32.5629, 18.3033, 4.1995
YIQ	100.4670, 106.7760, 36.2800

# Conversions

## Conversions Part 2

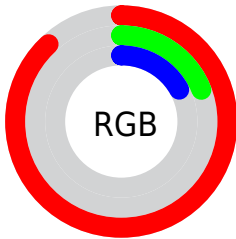
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">225, 48, 44</a>
Decimal	<a href="#">14757932</a>
CIELab	<a href="#">49.86, 65.98, 45.98</a>
CIElCh	<a href="#">50, 80.418, 34.875</a>
Yxy	<a href="#">18.3033, 0.5913, 0.3324</a>
Android (android.graphics.Color)	<a href="#">4292948012</a> (0xFFE1302C)
YUV	<a href="#">100.4670, -27.8382, 109.2154</a>
Hunter-Lab	<a href="#">42.7824, 60.9925, 24.1278</a>

# Details

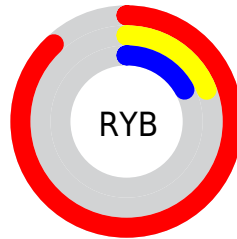
The Hex color **E1302C** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2CDDE1**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6E5B**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E11A16**, and if you desaturate by 10%, it is **E14643**.

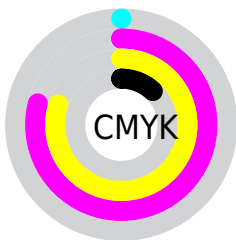
# Distribution



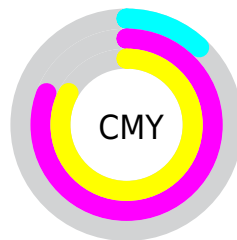
- Red (88%)
- Green (19%)
- Blue (17%)



- Red (88%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (79%)
- Yellow (80%)
- Black (12%)




- Cyan (12%)
- Magenta (81%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1302C 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 E1302C by changing the saturation by 10% instead.



 E1302C

 E1302C

FFFFFF

 C10016

 FF6E5B

 A10000

 FF8B74

 810000

 FFA88E

 610000

 FFC5A9

 450003

 FFE3C4

 240001


 FFFFE1

 000000

 FFFFFD

 E1302C

 E1302C

 E11A16

 E14643

 E10500

 E15C59

 E1726F

 E18886

 E19E9D

 E1B4B3

 E1CACA

 E1E0E0

 E1F6F7

# Harmonies

## Analogous

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



EA006F



E1302C



BD5C00

# Triad

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



E1302C



009037



007DFF

# Complementary

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



E1302C



2CDDE1

# 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.



008DF3



E1302C



009380

# Square

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



E1302C



3B8800



0093C4



7E5EE8

# Rectangle

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



E1302C



9A7000



0093C4



0083FF



# Sweetspot

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



E1302C



FFC3C2



E12CDE



805B5B



000000



808080



# Same Dimension

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



E1302C



FF0D08



E18A2C



706565



B00400



300100



# Inverse Universe

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



2CDDE1



08FAFF



2C83E1



657070



00ACB0



002F30



# Previews

## White Background



This preview shows how the Hex color E1302C looks on a white 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

# 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 E1302C Background



This preview shows how black text looks on a background with the Hex color E1302C.



This preview shows how white text looks on a background with the Hex color E1302C.

# 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**  
E1302C

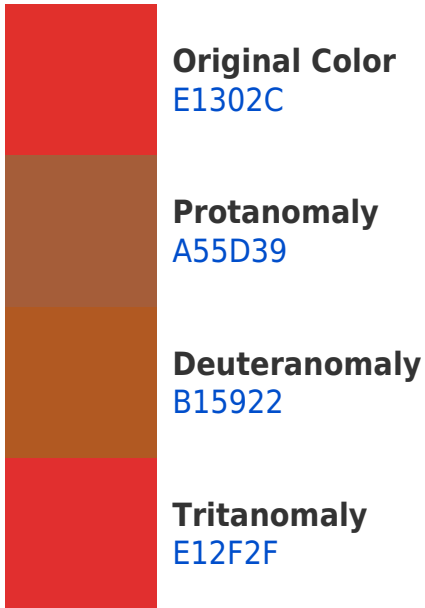
**Protanopia**  
837740

**Deuteranopia**  
96711C



**Tritanopia**  
E12F30

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1302C 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 #E1302C looks like.

```
.text, #text, p{  
    color:#E1302C  
}
```

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 #E1302C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1302C  
}
```

## Border

The CSS property to change the border of an element to Hex E1302C is called "border". The border property can be set on classes, ids or directly on the HTML element.

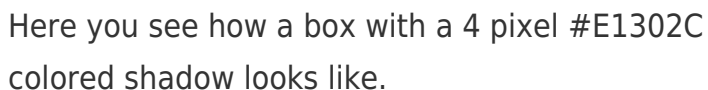
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E1302C }
```

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

```
.border{ border-color:#E1302C }
```

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



Here you see how a box with a 4 pixel #E1302C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1302C; -webkit-box-shadow:4px 4px  
4px 4px #E1302C; box-shadow:4px 4px 4px  
4px #E1302C }
```

# Background

The CSS property to change the background color of an element to Hex E1302C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1302C }
```

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

```
.background{ background-color:#E1302C }
```

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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