

# Converting Colors

Hex(E4291B)

Have a look what the booklet for  
Hex(E4291B) contains.

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**Color**

**Hex(E4291B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4291B
RGB	228, 41, 27
RGB Percent	89%, 16%, 11%
CMY	0.1059, 0.8392, 0.8941
CMYK	0.00, 0.82, 0.88, 0.11
HSL	4°, 79%, 50%
HSV	4°, 88%, 89%
XYZ	32.9857, 18.1590, 2.8034
YIQ	95.3170, 115.9460, 35.2900

# Conversions

## Conversions Part 2

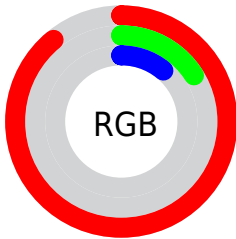
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 42, 27
Decimal	14952731
CIE Lab	49.69, 68.23, 54.20
CIE LCh	50, 87.138, 38.461
Yxy	18.1590, 0.6114, 0.3366
Android (android.graphics.Color)	4293142811 (0xFFE4291B)
YUV	95.3170, -33.6803, 116.3630
Hunter-Lab	42.6134, 63.5979, 25.9288

# Details

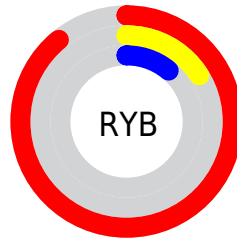
The Hex color **E4291B** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1BD6E4**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6A4B**, and **A30000** is the 20% darker color. If you saturate the color by 10%, you get **E41404**, and if you desaturate by 10%, it is **E43E32**.

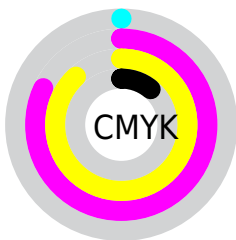
# Distribution



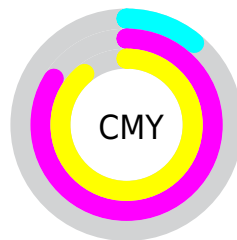
- Red (89%)
- Green (16%)
- Blue (11%)



- Red (89%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (82%)
- Yellow (88%)
- Black (11%)



- Cyan (11%)
- Magenta (84%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4291B 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 E4291B by changing the saturation by 10% instead.



 E4291B

 E4291B

FFFFFF

 C30001

 FF6A4B

 A30000

 FF8764

 820000

 FFA47E

 630001

 FFC198

 460003

 FFDFB4

 250001

 FFFDCF

 000000

 FFFFEC

 E4291B

 E4291B

 E41404

 E43E32

 E41000

 E45349

 E4695F

 E47E76

 E4938D

 E4A8A4

 E4BDBB

 E4D3D1

 E4E8E8

# Harmonies

## Analogous

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



F30065



E4291B



BA5D00

# Triad

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



E4291B



00913B



007AFF

# Complementary

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



E4291B



1BD6E4

# 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.



008DFF



E4291B



00948A

# Square

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



E4291B



1A8A00



0094D2



8C55EC

# Rectangle

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



E4291B



947200



0094D2



0082FF



# Sweetspot

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



E4291B



FFC1BD



E41BD7



805B58



000000



808080



# Same Dimension

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



E4291B



FF1200



E48D1B



736867



B30C00



330400



# Inverse Universe

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



1BD6E4



00EDFF



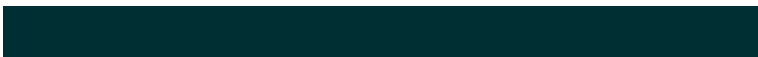
1B72E4



677273



00A6B3



002F33



# Previews

## White Background



This preview shows how the Hex color E4291B 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 E4291B Background



This preview shows how black text looks on a background with the Hex color E4291B.



This preview shows how white text looks on a background with the Hex color E4291B.

# 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**  
E4291B

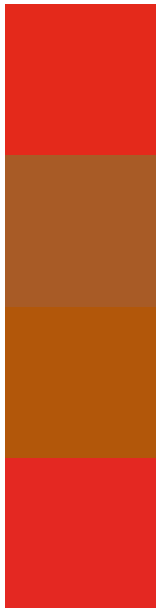
**Protanopia**  
85772D

**Deuteranopia**  
967100



**Tritanopia**  
E42826

# Trichromacy



**Original Color**  
E4291B

**Protanomaly**  
A85B26

**Deuteranomaly**  
B2570A

**Tritanomaly**  
E42822

# Monochromacy



**Original Color**  
E4291B

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
8F4B46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4291B 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 #E4291B looks like.

```
.text, #text, p{  
    color:#E4291B  
}
```

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 #E4291B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4291B
}
```

## Border

The CSS property to change the border of an element to Hex E4291B 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".

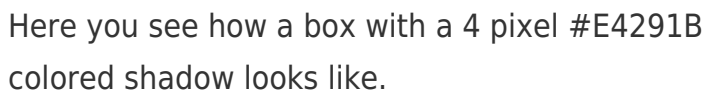
```
.border, #border, table{ border:4px solid
#E4291B }
```

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

```
.border{ border-color:#E4291B }
```

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

Here you see how a box with a 4 pixel #E4291B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4291B; -webkit-box-shadow:4px 4px  
4px 4px #E4291B; box-shadow:4px 4px 4px  
4px #E4291B }
```

# Background

The CSS property to change the background color of an element to Hex E4291B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4291B }
```

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

```
.background{ background-color:#E4291B }
```

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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