

# Converting Colors

Hex(E24917)

Have a look what the booklet for  
Hex(E24917) contains.

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**Color**

**Hex(E24917)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E24917
RGB	226, 73, 23
RGB Percent	89%, 29%, 9%
CMY	0.1137, 0.7137, 0.9098
CMYK	0.00, 0.68, 0.90, 0.11
HSL	15°, 82%, 49%
HSV	15°, 90%, 89%
XYZ	33.9012, 20.9957, 3.0764
YIQ	113.0470, 107.2380, 16.8860

# Conversions

## Conversions Part 2

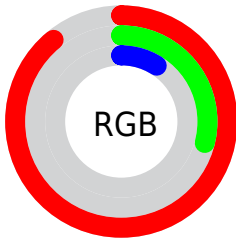
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 89, 23
Decimal	14829847
CIE Lab	52.94, 57.42, 57.96
CIE LCh	53, 81.581, 45.268
Yxy	20.9957, 0.5848, 0.3622
Android (android.graphics.Color)	4293019927 (0xFFE24917)
YUV	113.0470, -44.3932, 99.0598
Hunter-Lab	45.8211, 51.8784, 28.0941

# Details

The Hex color **E24917** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **17B0E2**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF814A**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E23800**, and if you desaturate by 10%, it is **E25A2E**.

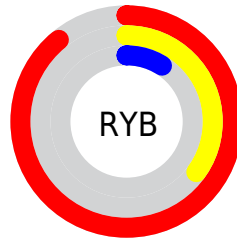
# Distribution



Red (89%)

Green (29%)

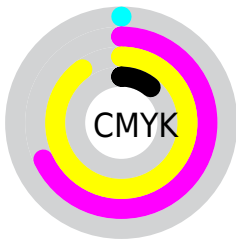
Blue (9%)



Red (89%)

Yellow (35%)

Blue (9%)

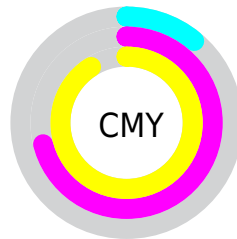


Cyan (0%)

Magenta (68%)

Yellow (90%)

Black (11%)



Cyan (11%)

Magenta (71%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E24917 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 E24917 by changing the saturation by 10% instead.



 E24917

 E24917

FFFFFF

 C22B00

 FF814A

 A20000

 FF9D64

 820000

 FFB97E

 630000

 FFD699

 460002

 FFF4B4

 280001

 FFFFD0

 000000

 FFFFED

 E24917

 E24917

 E23800

 E25A2E

 E26B44

 E27C5B

 E28D71

 E29E88

 E2AF9F

 E2C0B5

 E2D1CC

 E2E2E2

# Harmonies

## Analogous

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



F6165E



E24917



B56F00

# Triad

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



E24917



009A58



007BFF

# Complementary

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



E24917



17B0E2

# 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.



0091FF



E24917



009CA2

# Square

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



E24917



009400



009AE2



AB57E2

# Rectangle

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



E24917



8F8000



009AE2



0084FF



# Sweetspot

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



E24917



FFCBBA



E217B3



806157



000000



808080



# Same Dimension

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



E24917



FF3F00



E2AC17



706865



B02B00



300C00



# Inverse Universe

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



17B0E2



00C0FF



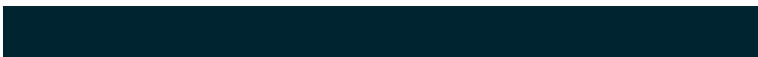
174DE2



656D70



0085B0



002530



# Previews

## White Background



This preview shows how the Hex color E24917 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 E24917 Background



This preview shows how black text looks on a background with the Hex color E24917.




This preview shows how white text looks on a background with the Hex color E24917.

# 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](#).

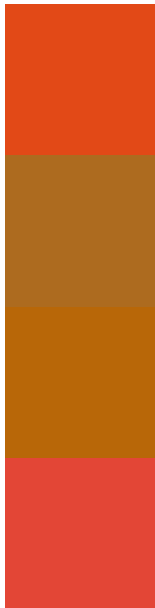
## Dichromacy





**Tritanopia**  
E34448

# Trichromacy



**Original Color**  
E24917

**Protanomaly**  
AD6B1F

**Deuteranomaly**  
B86708

**Tritanomaly**  
E34636

# Monochromacy



**Original Color**  
E24917

**Achromatopsia**  
717171

**Achromatomaly**  
9A6250

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E24917 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 #E24917 looks like.

```
.text, #text, p{
  color:#E24917
}
```

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 #E24917 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24917
}
```

## Border

The CSS property to change the border of an element to Hex E24917 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
#E24917 }
```

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

```
.border{ border-color:#E24917 }
```

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

Here you see how a box with a 4 pixel #E24917 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24917; -webkit-box-shadow:4px 4px  
4px 4px #E24917; box-shadow:4px 4px 4px  
4px #E24917 }
```

# Background

The CSS property to change the background color of an element to Hex E24917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24917 }
```

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

```
.background{ background-color:#E24917 }
```

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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