

Converting Colors

Hex(E52C00)

Have a look what the booklet for
Hex(E52C00) contains.

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Color

Hex(E52C00)

Conversions

Conversions Part 1

Format	Color
Hex	E52C00
RGB	229, 44, 0
RGB Percent	90%, 17%, 0%
CMY	0.1020, 0.8275, 1.0000
CMYK	0.00, 0.81, 1.00, 0.10
HSL	12°, 100%, 45%
HSV	12°, 100%, 90%
XYZ	33.2138, 18.4594, 1.8125
YIQ	94.2990, 124.3840, 25.5360

Conversions

Conversions Part 2

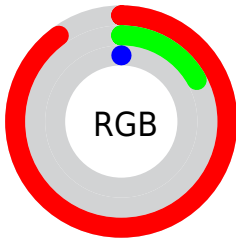
Format	Color
RYB	229, 54, 0
Decimal	15019008
CIELab	50.05, 67.49, 62.81
CIELCh	50, 92.194, 42.945
Yxy	18.4594, 0.6210, 0.3451
Android (android.graphics.Color)	4293209088 (0xFFE52C00)
YUV	94.2990, -46.4894, 118.1328
Hunter-Lab	42.9644, 62.8025, 27.5739

Details

The Hex color **E52C00** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **00B9E5**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6C3A**, and **A30000** is the 20% darker color. If you saturate the color by 10%, you get **E52C00**, and if you desaturate by 10%, it is **E53F17**.

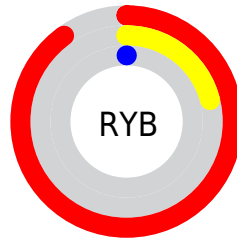
Distribution



Red (90%)

Green (17%)

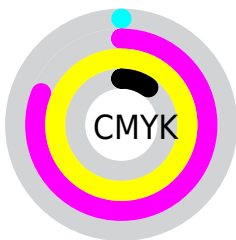
Blue (0%)



Red (90%)

Yellow (21%)

Blue (0%)

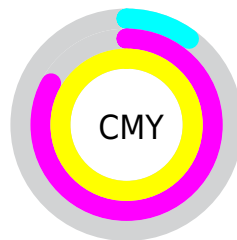


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E52C00 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 E52C00 by changing the saturation by 10% instead.

 E52C00

 E52C00

 FFFFF8

 C40000

 FF6C3A

 A30000

 FF8954

 830000

 FFA66D

 630000

 FFC388

 470004

 FFE0A3

 260001

 FFFEBF

 000000

 FFFFDB

 E52C00

 E53F17

 E5512E

 E56445

 E5765C

 E58973

 E59B89

 E5AEA0

 E5C0B7

 E5D3CE

Harmonies

Analogous

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



FA005A



E52C00



B56200

Triad

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



E52C00



009445



0077FF

Complementary

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



E52C00



00B9E5

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



E52C00



009698

Square

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



E52C00



008D00



0095E2



9F4BEC

Rectangle

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



E52C00



8B7700



0095E2



0080FF

Sweetspot

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



E52C00



FFC1B3



E500BB



805A52



000000



808080

Same Dimension

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



E52C00



FF3100



E59C00



736967



B32200



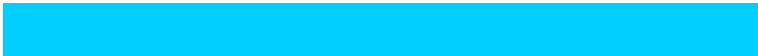
330A00

Inverse Universe

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



00B9E5



00CEFF



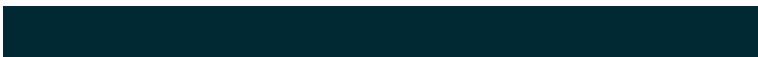
0049E5



677173



0090B3



002933

Previews

White Background



This preview shows how the Hex color E52C00 looks on a white background.

Color Contrast Check

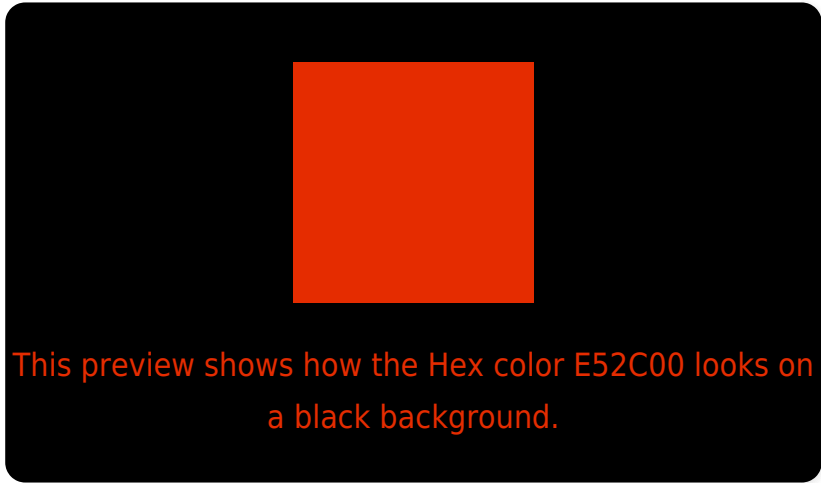
Large Text (above 18pt) WCAG AA ✓ Pass

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 E52C00 Background



This preview shows how black text looks on a background with the Hex color E52C00.



This preview shows how white text looks on a background with the Hex color E52C00.

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
E52C00

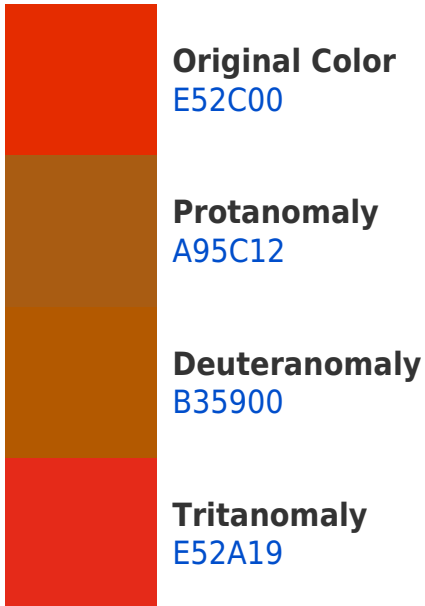
Protanopia
87781C

Deuteranopia
977200

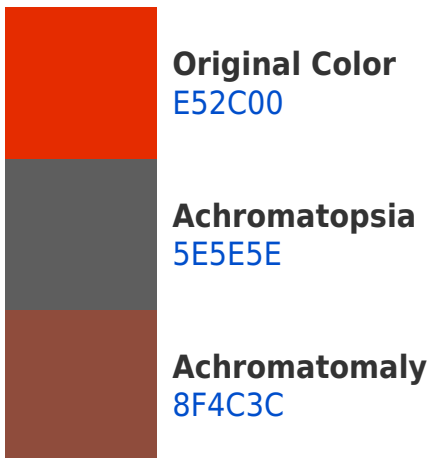


Tritanopia
E52928

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E52C00 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 #E52C00 looks like.

```
.text, #text, p{  
    color:#E52C00  
}
```

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 #E52C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E52C00  
}
```

Border

The CSS property to change the border of an element to Hex E52C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

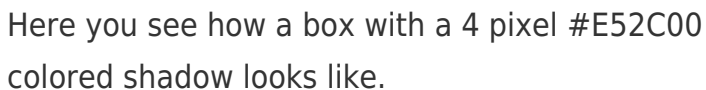
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E52C00 }
```

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

```
.border{ border-color:#E52C00 }
```

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



Here you see how a box with a 4 pixel #E52C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E52C00; -webkit-box-shadow:4px 4px  
4px 4px #E52C00; box-shadow:4px 4px 4px  
4px #E52C00 }
```

Background

The CSS property to change the background color of an element to Hex E52C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E52C00 }
```

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

```
.background{ background-color:#E52C00 }
```

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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