

Converting Colors

Hex(E2431D)

Have a look what the booklet for
Hex(E2431D) contains.

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Color

Hex(E2431D)

Conversions

Conversions Part 1

Format	Color
Hex	E2431D
RGB	226, 67, 29
RGB Percent	89%, 26%, 11%
CMY	0.1137, 0.7373, 0.8863
CMYK	0.00, 0.70, 0.87, 0.11
HSL	12°, 77%, 50%
HSV	12°, 87%, 89%
XYZ	33.5930, 20.2718, 3.3047
YIQ	110.2090, 106.9620, 21.8900

Conversions

Conversions Part 2

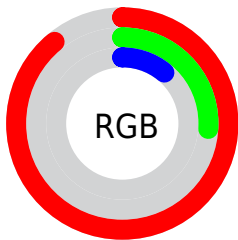
Format	Color
RYB	226, 76, 29
Decimal	14828317
CIELab	52.14, 59.79, 55.10
CIElCh	52, 81.311, 42.662
Yxy	20.2718, 0.5876, 0.3546
Android (android.graphics.Color)	4293018397 (0xFFE2431D)
YUV	110.2090, -40.0360, 101.5487
Hunter-Lab	45.0242, 54.3882, 27.1651

Details

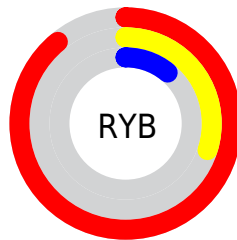
The Hex color **E2431D** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1DBCE2**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7C4F**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E23106**, and if you desaturate by 10%, it is **E25534**.

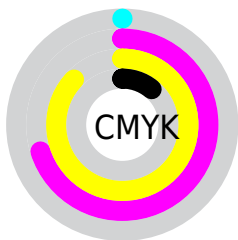
Distribution



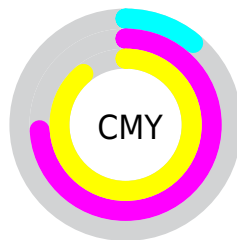
- Red (89%)
- Green (26%)
- Blue (11%)



- Red (89%)
- Yellow (30%)
- Blue (11%)



- Cyan (0%)
- Magenta (70%)
- Yellow (87%)
- Black (11%)



- Cyan (11%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2431D 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 E2431D by changing the saturation by 10% instead.

 E2431D

 E2431D

FFFFFF

 C22201

 FF7C4F

 A20000

 FF9868

 820000

 FFB582

 630000

 FFD29C

 460002

 FFEFB8

 270001

 FFFFD4

 000000

 FFFFF1

 E2431D

 E2431D

 E23106

 E25534

 E22C00

 E2674A

 E27A61

 E28C77

 E29E8E

 E2B0A5

 E2C3BB

 E2D5D2

 E2E7E8

Harmonies

Analogous

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



F40B62



E2431D



B76A00

Triad

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



E2431D



009750



007CFF

Complementary

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



E2431D



1DBCE2

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.



0090FF



E2431D



009A99

Square

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



E2431D



1A9100



0098DA



A159E4

Rectangle

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



E2431D



927C00



0098DA



0084FF

Sweetspot

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



E2431D



FFC9BD



E21DBE



806058



000000



808080

Same Dimension

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



E2431D



FF3100



E2A41D



706765



B02200



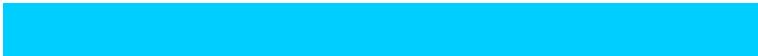
300900

Inverse Universe

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



1DBCE2



00CEFF



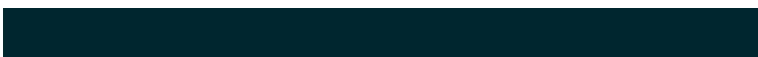
1D5BE2



656E70



008EB0



002730

Previews

White Background



This preview shows how the Hex color E2431D looks on a white background.

Color Contrast Check

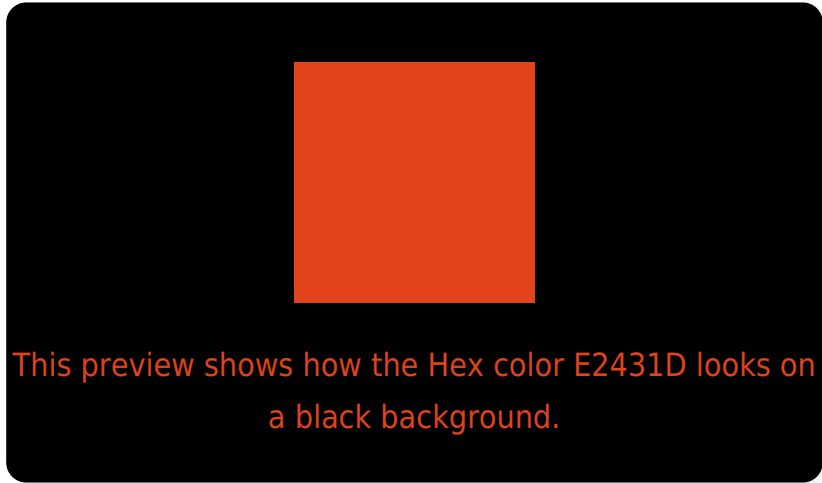
Large Text (above 18pt) WCAG AA ✓ Pass

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 E2431D Background



This preview shows how black text looks on a background with the Hex color E2431D.

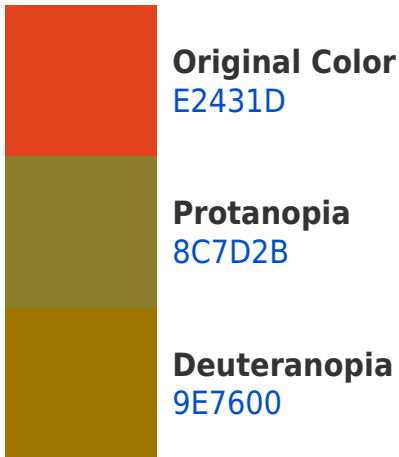


This preview shows how white text looks on a background with the Hex color E2431D.

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](#).

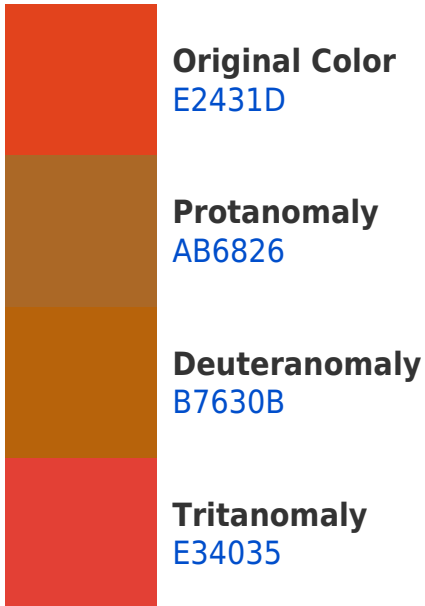
Dichromacy



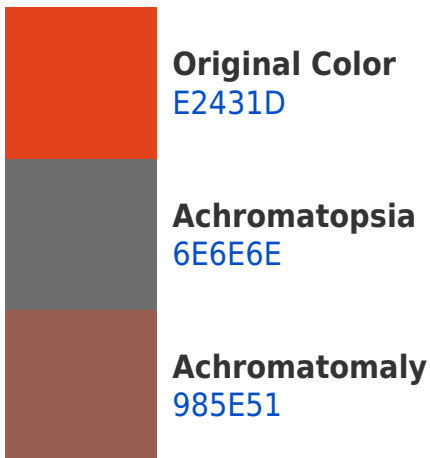


Tritanopia
E33F42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2431D 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 #E2431D looks like.

```
.text, #text, p{  
    color:#E2431D  
}
```

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 #E2431D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2431D
}
```

Border

The CSS property to change the border of an element to Hex E2431D 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".

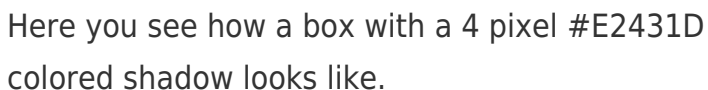
```
.border, #border, table{ border:4px solid
#E2431D }
```

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

```
.border{ border-color:#E2431D }
```

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

Here you see how a box with a 4 pixel #E2431D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2431D; -webkit-box-shadow:4px 4px  
4px 4px #E2431D; box-shadow:4px 4px 4px  
4px #E2431D }
```

Background

The CSS property to change the background color of an element to Hex E2431D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2431D }
```

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

```
.background{ background-color:#E2431D }
```

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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