

Converting Colors

Hex(E2370D)

Have a look what the booklet for
Hex(E2370D) contains.

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Color

Hex(E2370D)

Conversions

Conversions Part 1

Format	Color
Hex	E2370D
RGB	226, 55, 13
RGB Percent	89%, 22%, 5%
CMY	0.1137, 0.7843, 0.9490
CMYK	0.00, 0.76, 0.94, 0.11
HSL	12°, 89%, 47%
HSV	12°, 94%, 89%
XYZ	32.8029, 18.9302, 2.3058
YIQ	101.3410, 115.3980, 23.1900

Conversions

Conversions Part 2

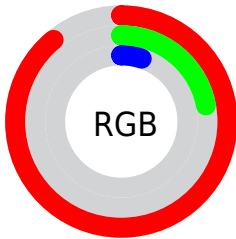
Format	Color
RYB	226, 65, 13
Decimal	14825229
CIELab	50.61, 63.63, 59.50
CIELCh	51, 87.117, 43.082
Yxy	18.9302, 0.6070, 0.3503
Android (android.graphics.Color)	4293015309 (0xFFE2370D)
YUV	101.3410, -43.5521, 109.3259
Hunter-Lab	43.5088, 58.4371, 27.3141

Details

The Hex color **E2370D** 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 **0DB8E2**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF7342**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E22D00**, and if you desaturate by 10%, it is **E24924**.

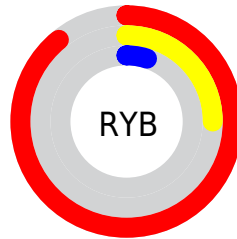
Distribution



Red (89%)

Green (22%)

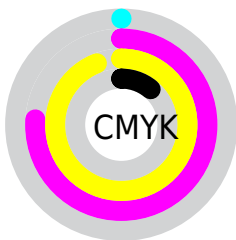
Blue (5%)



Red (89%)

Yellow (25%)

Blue (5%)

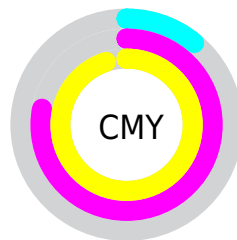


Cyan (0%)

Magenta (76%)

Yellow (94%)

Black (11%)



Cyan (11%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2370D 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 E2370D by changing the saturation by 10% instead.

 E2370D

 E2370D

FFFFFF

 C10C00

 FF7342

 A10000

 FF8F5B

 810000

 FFAC75

 620000

 FFC990

 450003

 FFE6AB

 250001

 FFFFC7

 000000

 FFFF E3

 E2370D

 E2370D

 E22D00

 E24924

 E25B3A

 E26D51

 E28067

 E2927E

 E2A495

 E2B6AB

 E2C8C2

 E2DAD8

Harmonies

Analogous

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



F6005C



E2370D



B46500

Triad

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



E2370D



00944A



0078FF

Complementary

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



E2370D



0DB8E2

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



E2370D



009798

Square

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



E2370D



008E00



0096DE



A050E7

Rectangle

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



E2370D



8C7800



0096DE



0081FF

Sweetspot

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



E2370D



FFC6B8



E20DBB



805D54



000000



808080

Same Dimension

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



E2370D



FF3200



E29F0D



706765



B02300



300A00

Inverse Universe

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



0DB8E2



00CFFF



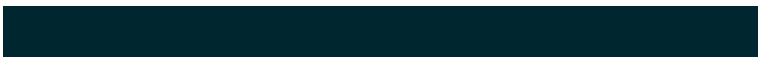
0D50E2



656E70



008DB0



002730

Previews

White Background



This preview shows how the Hex color E2370D looks on a white background.

Color Contrast Check

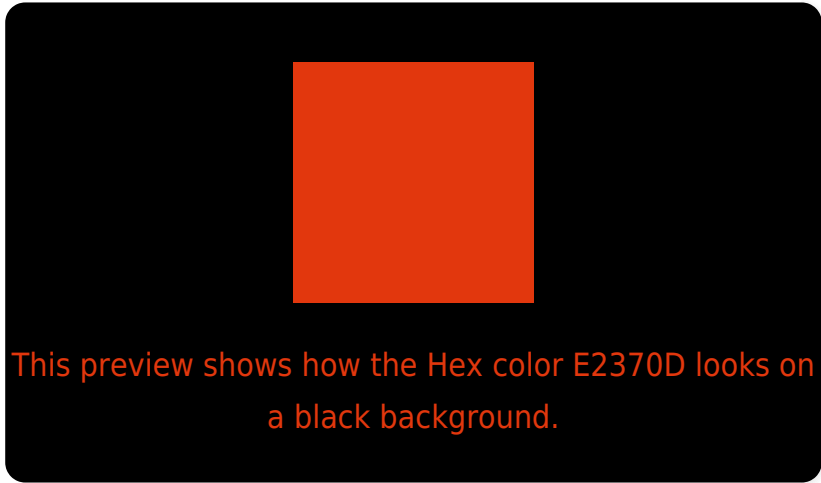
Large Text (above 18pt) WCAG AA ✓ Pass

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 E2370D Background



This preview shows how black text looks on a background with the Hex color E2370D.



This preview shows how white text looks on a background with the Hex color E2370D.

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
E2370D

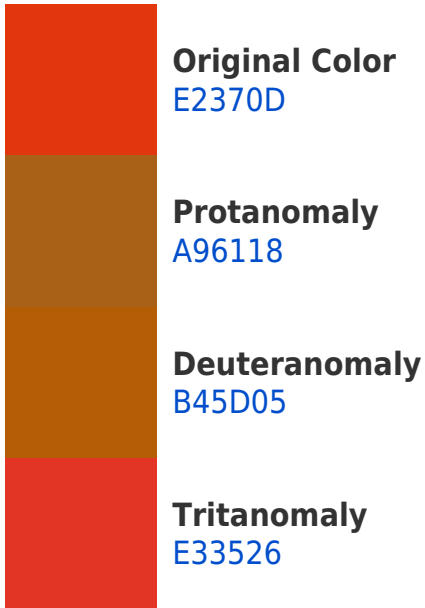
Protanopia
88791E

Deuteranopia
997300



Tritanopia
E33435

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2370D 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 #E2370D looks like.

```
.text, #text, p{  
    color:#E2370D  
}
```

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 #E2370D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2370D
}
```

Border

The CSS property to change the border of an element to Hex E2370D 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
#E2370D }
```

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

```
.border{ border-color:#E2370D }
```

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

Here you see how a box with a 4 pixel #E2370D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2370D; -webkit-box-shadow:4px 4px  
4px 4px #E2370D; box-shadow:4px 4px 4px  
4px #E2370D }
```

Background

The CSS property to change the background color of an element to Hex E2370D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2370D }
```

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

```
.background{ background-color:#E2370D }
```

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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