

Converting Colors

Hex(E5312D)

Have a look what the booklet for
Hex(E5312D) contains.

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Color

Hex(E5312D)

Conversions

Conversions Part 1

Format	Color
Hex	E5312D
RGB	229, 49, 45
RGB Percent	90%, 19%, 18%
CMY	0.1020, 0.8078, 0.8235
CMYK	0.00, 0.79, 0.80, 0.10
HSL	1°, 78%, 54%
HSV	1°, 80%, 90%
XYZ	33.8851, 19.0441, 4.3726
YIQ	102.3640, 108.5640, 36.9160

Conversions

Conversions Part 2

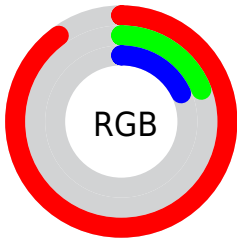
Format	Color
R_{YB}	229, 49, 45
Decimal	15020333
CIE _{Lab}	50.74, 66.87, 46.58
CIE _{LCh}	51, 81.492, 34.859
Yxy	19.0441, 0.5913, 0.3323
Android (android.graphics.Color)	4293210413 (0xFFE5312D)
YUV	102.3640, -28.2805, 111.0598
Hunter-Lab	43.6395, 62.2318, 24.6070

Details

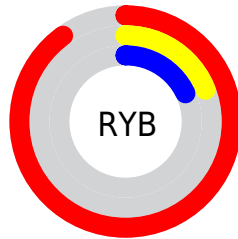
The Hex color **E5312D** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2DE1E5**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6F5C**, and **A40000** is the 20% darker color. If you saturate the color by 10%, you get **E51B16**, and if you desaturate by 10%, it is **E54744**.

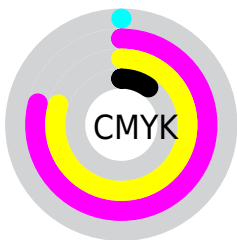
Distribution



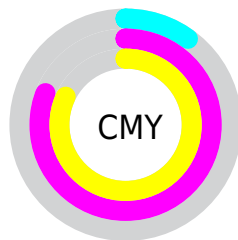
- Red (90%)
- Green (19%)
- Blue (18%)



- Red (90%)
- Yellow (19%)
- Blue (18%)



- Cyan (0%)
- Magenta (79%)
- Yellow (80%)
- Black (10%)



- Cyan (10%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5312D 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 E5312D by changing the saturation by 10% instead.

 E5312D

 E5312D

FFFFFF

 C50016

 FF6F5C

 A40000

 FF8C76

 850000

 FFA98F

 650000

 FFC7AA

 480003

 FFE4C6

 280001

 FFFFE2

 000000

 E5312D

 E5312D

 E51B16

 E54744

 E50500

 E55E5B

 E57472

 E58B89

 E5A1A0

 E5B7B6

 E5CECD

 E5E4E4

 E5FBFB

Harmonies

Analogous

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



EE0071



E5312D



C05E00

Triad

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



E5312D



009238



007FFF

Complementary

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



E5312D



2DE1E5

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.



008FF8



E5312D



009583

Square

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



E5312D



3C8A00



0095C7



8160ED

Rectangle

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



E5312D



9D7200



0095C7



0086FF

Sweetspot

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



E5312D



FFC3C2



E52DE2



805B5B



000000



808080

Same Dimension

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



E5312D



FF100A



E58C2D



736867



B30400



330100

Inverse Universe

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



2DE1E5



0AFAFF



2D86E5



677373



00AFB3



003233

Previews

White Background



This preview shows how the Hex color E5312D looks on a white background.

Color Contrast Check

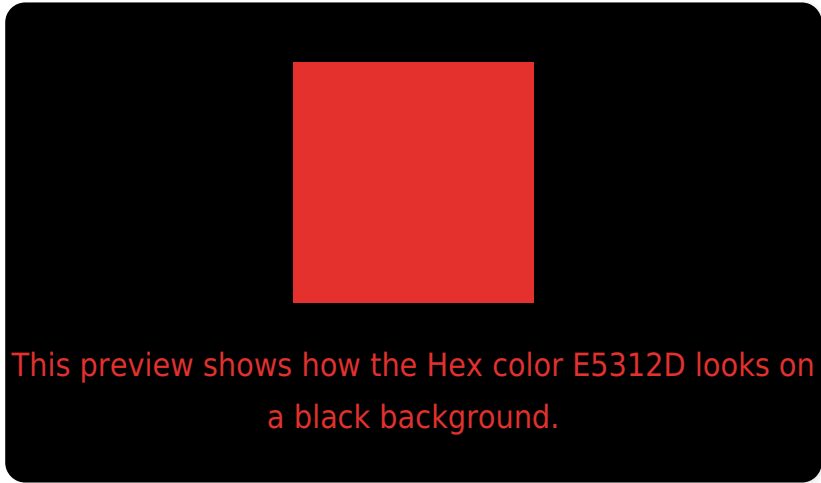
Large Text (above 18pt) WCAG AA ✓ Pass

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 E5312D Background



This preview shows how black text looks on a background with the Hex color E5312D.



This preview shows how white text looks on a background with the Hex color E5312D.

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
E5312D

Protanopia
867A41

Deuteranopia
99731D



Tritanopia
E53031

Trichromacy



Original Color
E5312D

Protanomaly
A95F3A

Deuteranomaly
B55B23

Tritanomaly
E53030

Monochromacy



Original Color
E5312D

Achromatopsia
666666

Achromatomaly
945351

CSS Examples

Text

The CSS property to change the color of the text to Hex E5312D 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 #E5312D looks like.

```
.text, #text, p{  
    color:#E5312D  
}
```

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 #E5312D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5312D }
}
```

Border

The CSS property to change the border of an element to Hex E5312D is called "border". The border property can be set on classes, ids or directly on the HTML element.

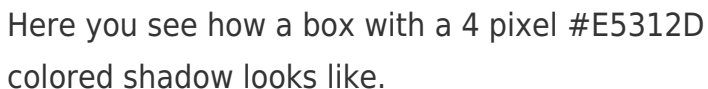
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E5312D }
}
```

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

```
.border{ border-color:#E5312D }
```

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



Here you see how a box with a 4 pixel `#E5312D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5312D; -webkit-box-shadow:4px 4px  
4px 4px #E5312D; box-shadow:4px 4px 4px  
4px #E5312D }
```

Background

The CSS property to change the background color of an element to Hex E5312D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5312D }
```

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

```
.background{ background-color:#E5312D }
```

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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