

Converting Colors

Hex(EA5D00)

Have a look what the booklet for
Hex(EA5D00) contains.

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Color

Hex(EA5D00)

Conversions

Conversions Part 1

Format	Color
Hex	EA5D00
RGB	234, 93, 0
RGB Percent	92%, 36%, 0%
CMY	0.0824, 0.6353, 1.0000
CMYK	0.00, 0.60, 1.00, 0.08
HSL	24°, 100%, 46%
HSV	24°, 100%, 92%
XYZ	37.8460, 25.3211, 2.8928
YIQ	124.5570, 113.8890, 0.9690

Conversions

Conversions Part 2

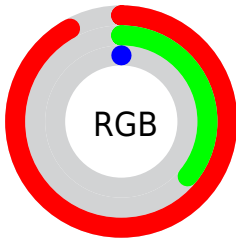
Format	Color
R_{YB}	234, 154, 0
Decimal	15359232
CIE _{Lab}	57.39, 51.52, 66.85
CIE _{LCh}	57, 84.401, 52.379
Yxy	25.3211, 0.5729, 0.3833
Android (android.graphics.Color)	4293549312 (0xFFEA5D00)
YUV	124.5570, -61.4066, 95.9815
Hunter-Lab	50.3201, 46.1907, 31.8157

Details

The Hex color **EA5D00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **008DEA**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9341**, and **AA2500** is the 20% darker color. If you saturate the color by 10%, you get **EA5D00**, and if you desaturate by 10%, it is **EA6B17**.

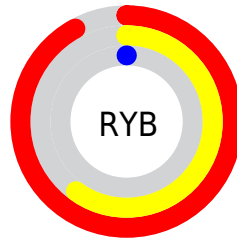
Distribution



Red (92%)

Green (36%)

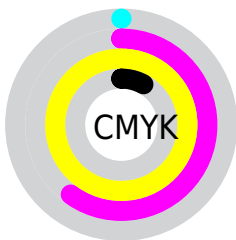
Blue (0%)



Red (92%)

Yellow (60%)

Blue (0%)

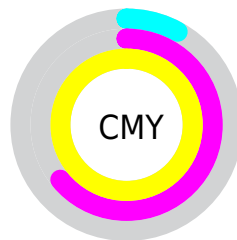


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA5D00 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 EA5D00 by changing the saturation by 10% instead.

 EA5D00

 EA5D00

FFFFFF

 CA4200

 FF9341

 AA2500

 FFAF5C

 8A0000

 FFCC76

 6B0000

 FFE991

 4D0000

 FFFFAD

 320002

 FFFFC9

 000000

 FFFFEE

 EA5D00

 EA6B17

 EA792F

 EA8746

 EA955E

 EAA375

 EAB28C

 EAC0A4

 EACEBB

 EADCD3

Harmonies

Analogous

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



FF2E57



EA5D00



B78000

Triad

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



EA5D00



00A874



4C7FFF

Complementary

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



EA5D00



008DEA

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.



0099FF



EA5D00



00A9C0

Square

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



EA5D00



00A222



00A6FF



CE56E5

Rectangle

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



EA5D00



8B9000



00A6FF



0089FF

Sweetspot

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



EA5D00



FFD1B3



EA0090



806452



000000



808080

Same Dimension

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



EA5D00



FF6500



EACF00



756E6A



B54800



361500

Inverse Universe

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



008DEA



009AFF



001BEA



6A7175



006DB5



002036

Previews

White Background



This preview shows how the Hex color EA5D00 looks on a white background.

Color Contrast Check

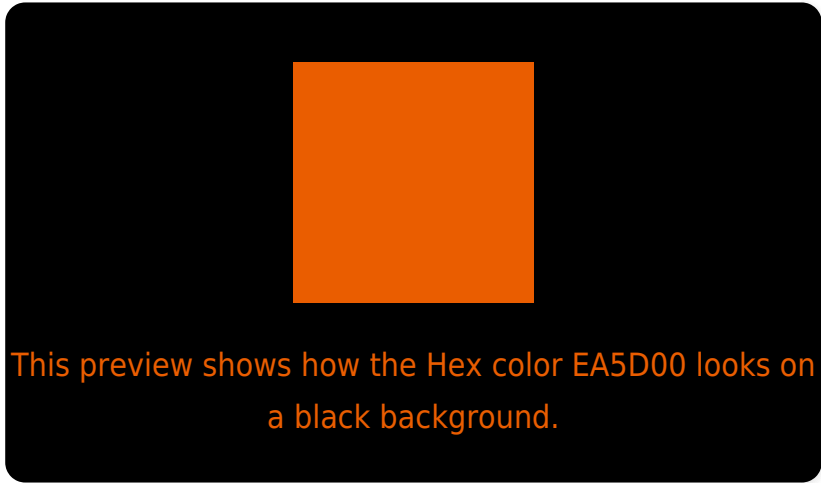
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA5D00 Background



This preview shows how black text looks on a background with the Hex color EA5D00.



This preview shows how white text looks on a background with the Hex color EA5D00.

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

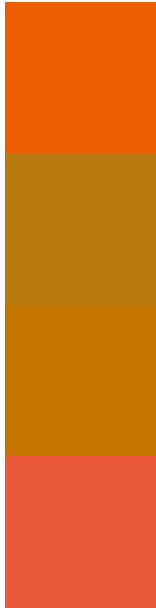


Original Color
EA5D00

Protanopia
9C8B17

Deuteranopia
AF8300

Trichromacy



Original Color
EA5D00

Protanomaly
B87A0F

Deuteranomaly
C47500

Tritanomaly
EB593B

Monochromacy



Original Color
EA5D00

Achromatopsia
7D7D7D

Achromatomaly
A57150

CSS Examples

Text

The CSS property to change the color of the text to Hex EA5D00 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 #EA5D00 looks like.

```
.text, #text, p{  
    color:#EA5D00  
}
```

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 #EA5D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA5D00
}
```

Border

The CSS property to change the border of an element to Hex EA5D00 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
#EA5D00 }
```

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

```
.border{ border-color:#EA5D00 }
```

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

Here you see how a box with a 4 pixel #EA5D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA5D00; -webkit-box-shadow:4px 4px  
4px 4px #EA5D00; box-shadow:4px 4px 4px  
4px #EA5D00 }
```

Background

The CSS property to change the background color of an element to Hex EA5D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA5D00 }
```

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

```
.background{ background-color:#EA5D00 }
```

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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