

Converting Colors

Hex(E54D00)

Have a look what the booklet for
Hex(E54D00) contains.

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Color

Hex(E54D00)

Conversions

Conversions Part 1

Format	Color
Hex	E54D00
RGB	229, 77, 0
RGB Percent	90%, 30%, 0%
CMY	0.1020, 0.6980, 1.0000
CMYK	0.00, 0.66, 1.00, 0.10
HSL	20°, 100%, 45%
HSV	20°, 100%, 90%
XYZ	34.9670, 21.9658, 2.3969
YIQ	113.6700, 115.3090, 8.2770

Conversions

Conversions Part 2

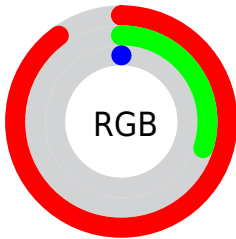
Format	Color
RYB	229, 116, 0
Decimal	15027456
CIELab	53.99, 56.59, 64.62
CIElCh	54, 85.895, 48.793
Yxy	21.9658, 0.5894, 0.3702
Android (android.graphics.Color)	4293217536 (0xFFE54D00)
YUV	113.6700, -56.0393, 101.1444
Hunter-Lab	46.8677, 51.1567, 29.7752

Details

The Hex color **E54D00** 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 **0098E5**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF853E**, and **A40600** is the 20% darker color. If you saturate the color by 10%, you get **E54D00**, and if you desaturate by 10%, it is **E55C17**.

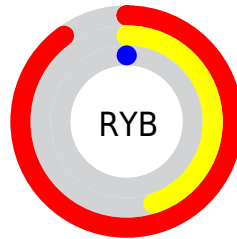
Distribution



Red (90%)

Green (30%)

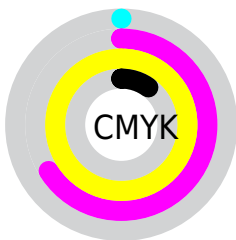
Blue (0%)



Red (90%)

Yellow (45%)

Blue (0%)

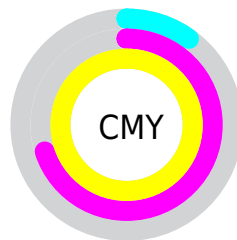


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E54D00 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 E54D00 by changing the saturation by 10% instead.

 E54D00

 E54D00

FFFFFF

 C43000

 FF853E

 A40600

 FFA158

 850000

 FFBD73

 660000

 FFDA8D

 480001

 FFF7A9

 2B0001

 FFFFC5

 000000

 FFFFE1

 E54D00

 E55C17

 E56B2E

 E57B45

 E58A5C

 E59973

 E5A889

 E5B7A0

 E5C7B7

 E5D6CE

Harmonies

Analogous

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



FE0957



E54D00



B47400

Triad

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



E54D00



009E62



007AFF

Complementary

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



E54D00



0098E5

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.



0093FF



E54D00



00A0AF

Square

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



E54D00



009800



009DF1



BB51E4

Rectangle

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



E54D00



898500



009DF1



0084FF

Sweetspot

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



E54D00



FFCCB3



E50099



806152



000000



808080

Same Dimension

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



E54D00



FF5600



E5BF00



736B67



B33C00



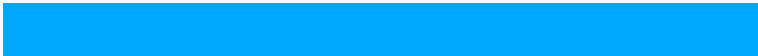
331100

Inverse Universe

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



0098E5



00A9FF



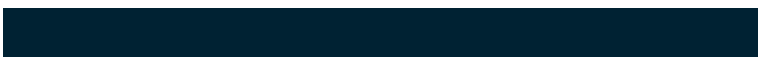
0026E5



676F73



0076B3



002233

Previews

White Background



This preview shows how the Hex color E54D00 looks on a white background.

Color Contrast Check

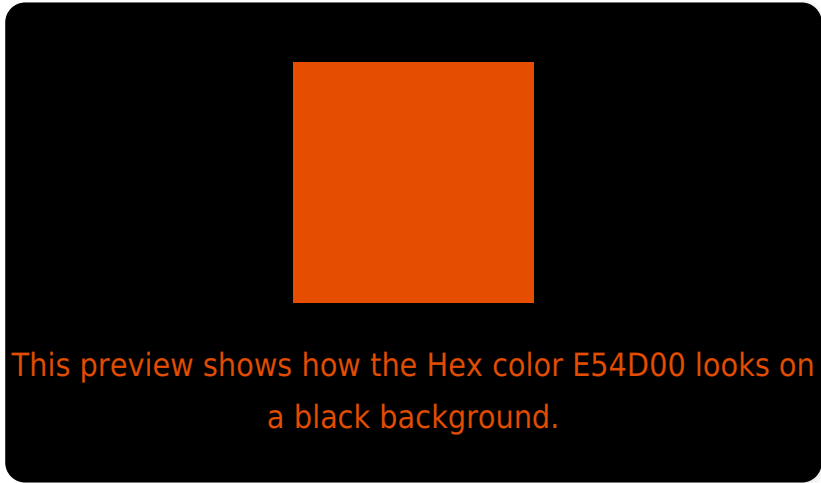
Large Text (above 18pt) WCAG AA ✓ Pass

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 E54D00 Background



This preview shows how black text looks on a background with the Hex color E54D00.



This preview shows how white text looks on a background with the Hex color E54D00.

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
E54D00

Protanopia
928218

Deuteranopia
A47B00



Tritanopia
E6484B

Trichromacy



Original Color
E54D00

Protanomaly
B06F0F

Deuteranomaly
BC6A00

Tritanomaly
E64A30

Monochromacy



Original Color
E54D00

Achromatopsia
727272

Achromatomaly
9C6549

CSS Examples

Text

The CSS property to change the color of the text to Hex E54D00 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 #E54D00 looks like.

```
.text, #text, p{  
    color:#E54D00  
}
```

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 #E54D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E54D00
}
```

Border

The CSS property to change the border of an element to Hex E54D00 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
#E54D00 }
```

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

```
.border{ border-color:#E54D00 }
```

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

Here you see how a box with a 4 pixel #E54D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E54D00; -webkit-box-shadow:4px 4px  
4px 4px #E54D00; box-shadow:4px 4px 4px  
4px #E54D00 }
```

Background

The CSS property to change the background color of an element to Hex E54D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E54D00 }
```

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

```
.background{ background-color:#E54D00 }
```

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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