

Converting Colors

Hex(E04300)

Have a look what the booklet for
Hex(E04300) contains.

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Color

Hex(E04300)

Conversions

Conversions Part 1

Format	Color
Hex	E04300
RGB	224, 67, 0
RGB Percent	88%, 26%, 0%
CMY	0.1216, 0.7373, 1.0000
CMYK	0.00, 0.70, 1.00, 0.12
HSL	18°, 100%, 44%
HSV	18°, 100%, 88%
XYZ	32.7476, 19.8616, 2.1077
YIQ	106.3050, 115.0790, 12.4470

Conversions

Conversions Part 2

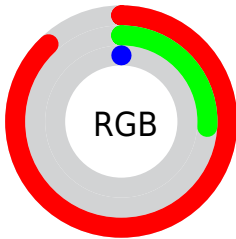
Format	Color
R_{YB}	224, 96, 0
Decimal	14697216
CIE _{Lab}	51.68, 58.80, 62.99
CIE _{LCh}	52, 86.168, 46.971
Yxy	19.8616, 0.5985, 0.3630
Android (android.graphics.Color)	4292887296 (0xFFE04300)
YUV	106.3050, -52.4084, 103.2185
Hunter-Lab	44.5664, 53.1717, 28.3924

Details

The Hex color **E04300** 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 **009DE0**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7C3C**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E04300**, and if you desaturate by 10%, it is **E05316**.

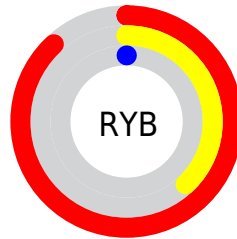
Distribution



Red (88%)

Green (26%)

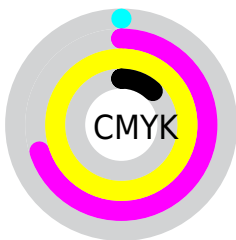
Blue (0%)



Red (88%)

Yellow (38%)

Blue (0%)

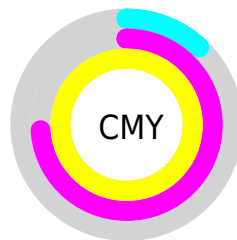


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E04300 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 E04300 by changing the saturation by 10% instead.

 E04300

 E04300

FFFFFFC

 BF2300

 FF7C3C

 9F0000

 FF9856

 800000

 FFB470

 610000

 FFD18B

 440002

 FFEEA6

 250001

 FFFFC2

 000000

 FFFFDE

 E04300

 E05316

 E0622D

 E07243

 E0825A

 E09270

 E0A186

 E0B19D

 E0C1B3

 E0D0CA

Harmonies

Analogous

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



F70056



E04300



B06C00

Triad

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



E04300



009757



0076FF

Complementary

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



E04300



009DE0

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.



008EFF



E04300



009AA5

Square

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



E04300



009200



0098E7



AF4DE1

Rectangle

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



E04300



877E00



0098E7



0080FF

Sweetspot

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



E04300



FFC9B3



E000A1



805F52



000000



808080

Same Dimension

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



E04300



FF4C00



E0AF00



706865



B03500



300E00

Inverse Universe

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



009DE0



00B3FF



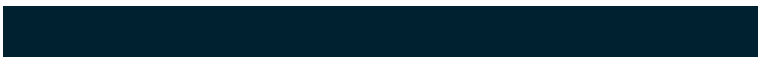
0031E0



656D70



007BB0



002230

Previews

White Background



This preview shows how the Hex color E04300 looks on a white background.

Color Contrast Check

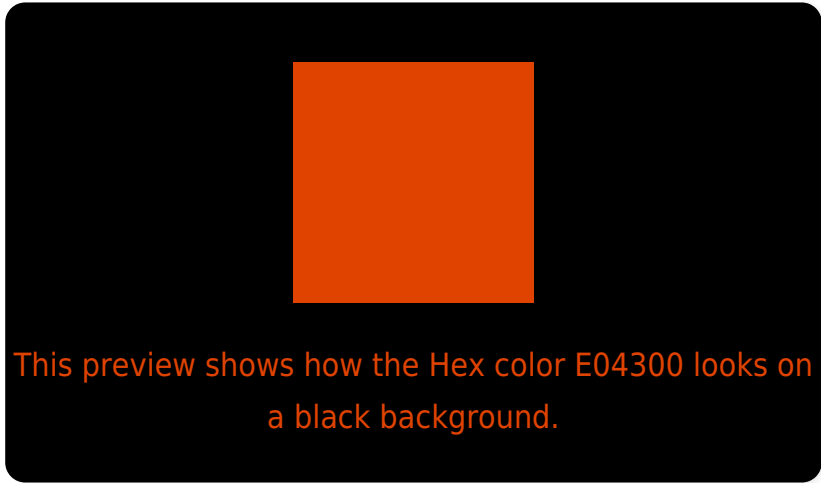
Large Text (above 18pt) WCAG AA ✓ Pass

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 E04300 Background



This preview shows how black text looks on a background with the Hex color E04300.



This preview shows how white text looks on a background with the Hex color E04300.

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
E04300

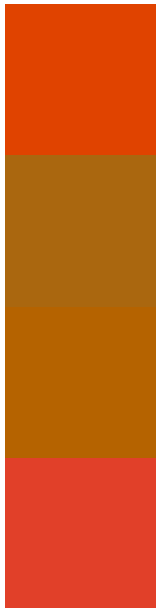
Protanopia
8B7C18

Deuteranopia
9C7600



Tritanopia
E13F41

Trichromacy



Original Color
E04300

Protanomaly
AA670F

Deuteranomaly
B56300

Tritanomaly
E14029

Monochromacy



Original Color
E04300

Achromatopsia
6A6A6A

Achromatomaly
955C43

CSS Examples

Text

The CSS property to change the color of the text to Hex E04300 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 #E04300 looks like.

```
.text, #text, p{  
    color:#E04300  
}
```

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 #E04300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04300
}
```

Border

The CSS property to change the border of an element to Hex E04300 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
#E04300 }
```

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

```
.border{ border-color:#E04300 }
```

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

Here you see how a box with a 4 pixel #E04300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04300; -webkit-box-shadow:4px 4px  
4px 4px #E04300; box-shadow:4px 4px 4px  
4px #E04300 }
```

Background

The CSS property to change the background color of an element to Hex E04300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04300 }
```

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

```
.background{ background-color:#E04300 }
```

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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