

Converting Colors

Hex(E0400D)

Have a look what the booklet for
Hex(E0400D) contains.

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Color

Hex(E0400D)

Conversions

Conversions Part 1

Format	Color
Hex	E0400D
RGB	224, 64, 13
RGB Percent	88%, 25%, 5%
CMY	0.1216, 0.7490, 0.9490
CMYK	0.00, 0.71, 0.94, 0.12
HSL	15°, 89%, 46%
HSV	15°, 94%, 88%
XYZ	32.6465, 19.5431, 2.4323
YIQ	106.0260, 111.7310, 18.0590

Conversions

Conversions Part 2

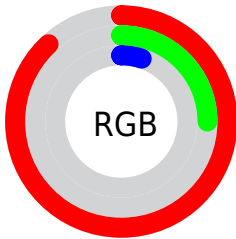
Format	Color
R_{YB}	224, 80, 13
Decimal	14696461
CIE _{Lab}	51.32, 60.00, 59.74
CIE _{LCh}	51, 84.670, 44.872
Yxy	19.5431, 0.5977, 0.3578
Android (android.graphics.Color)	4292886541 (0xFFE0400D)
YUV	106.0260, -45.8618, 103.4632
Hunter-Lab	44.2076, 54.4556, 27.6832

Details

The Hex color **E0400D** 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 **0DADE0**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF7943**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E03600**, and if you desaturate by 10%, it is **E05123**.

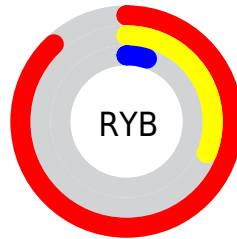
Distribution



Red (88%)

Green (25%)

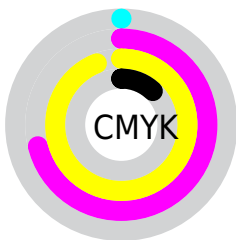
Blue (5%)



Red (88%)

Yellow (31%)

Blue (5%)

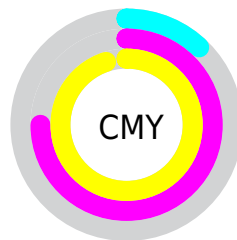


Cyan (0%)

Magenta (71%)

Yellow (94%)

Black (12%)



Cyan (12%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0400D 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 E0400D by changing the saturation by 10% instead.

 E0400D

 E0400D

FFFFFF

 BF1E00

 FF7943

 9F0000

 FF955C

 800000

 FFB276

 610000

 FFCF91

 440002

 FFECAC

 240001

 FFFFC8

 000000

 FFFFE4

 E0400D

 E0400D

 E03600

 E05123

 E0623A

 E07350

 E08467

 E0957D

 E0A693

 E0B7AA

 E0C8C0

 E0D9D7

Harmonies

Analogous

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



F5005A



E0400D



B26900

Triad

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



E0400D



009652



0078FF

Complementary

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



E0400D



0DADE0

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



E0400D



00989E

Square

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



E0400D



009000



0097E0



A751E2

Rectangle

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



E0400D



8B7B00



0097E0



0081FF

Sweetspot

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



E0400D



FFC9B8



E00DAF



805F54



000000



808080

Same Dimension

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



E0400D



FF3E00



E0A80D



706865



B02B00



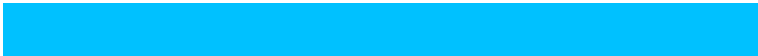
300C00

Inverse Universe

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



0DADE0



00C1FF



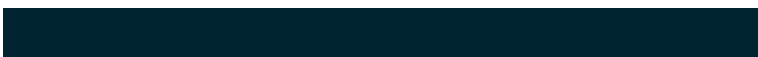
0D45E0



656D70



0085B0



002530

Previews

White Background



This preview shows how the Hex color E0400D looks on a white background.

Color Contrast Check

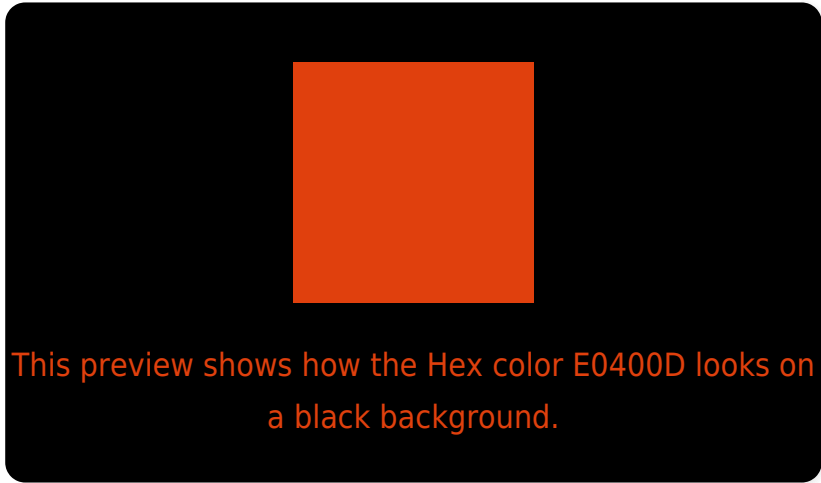
Large Text (above 18pt) WCAG AA ✓ Pass

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 E0400D Background



This preview shows how black text looks on a background with the Hex color E0400D.



This preview shows how white text looks on a background with the Hex color E0400D.

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
E0400D

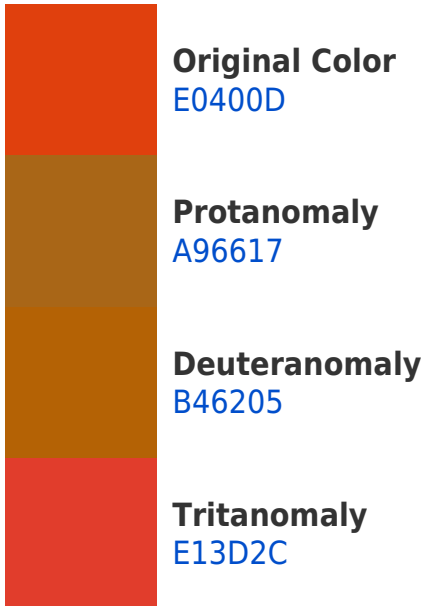
Protanopia
8A7B1D

Deuteranopia
9B7500

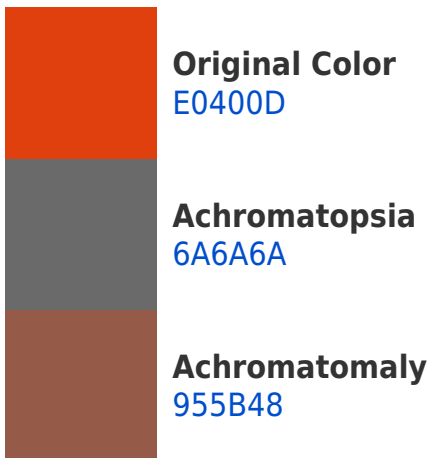


Tritanopia
E13C3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0400D 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 #E0400D looks like.

```
.text, #text, p{  
    color:#E0400D  
}
```

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 #E0400D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0400D
}
```

Border

The CSS property to change the border of an element to Hex E0400D 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
#E0400D }
```

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

```
.border{ border-color:#E0400D }
```

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

Here you see how a box with a 4 pixel #E0400D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0400D; -webkit-box-shadow:4px 4px  
4px 4px #E0400D; box-shadow:4px 4px 4px  
4px #E0400D }
```

Background

The CSS property to change the background color of an element to Hex E0400D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0400D }
```

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

```
.background{ background-color:#E0400D }
```

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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