

# Converting Colors

Hex(E04E26)

Have a look what the booklet for  
Hex(E04E26) contains.

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**Color**

**Hex(E04E26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E04E26
RGB	224, 78, 38
RGB Percent	88%, 31%, 15%
CMY	0.1216, 0.6941, 0.8510
CMYK	0.00, 0.65, 0.83, 0.12
HSL	13°, 75%, 51%
HSV	13°, 83%, 88%
XYZ	33.8147, 21.4360, 4.1891
YIQ	117.0940, 99.8560, 18.5120

# Conversions

## Conversions Part 2

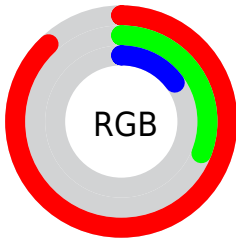
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 89, 38
Decimal	14700070
CIE <sub>Lab</sub>	53.42, 55.05, 52.18
CIE <sub>LCh</sub>	53, 75.850, 43.465
Yxy	21.4360, 0.5689, 0.3606
Android (android.graphics.Color)	4292890150 (0xFFE04E26)
YUV	117.0940, -38.9933, 93.7566
Hunter-Lab	46.2990, 49.3449, 27.0449

# Details

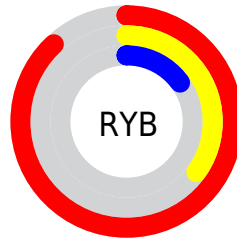
The Hex color **E04E26** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **26B8E0**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8557**, and **A00B00** is the 20% darker color. If you saturate the color by 10%, you get **E03C10**, and if you desaturate by 10%, it is **E0603C**.

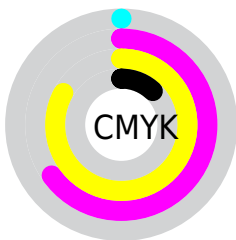
# Distribution



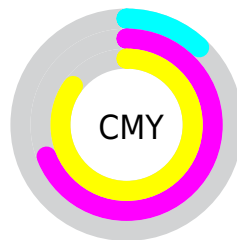
- Red (88%)
- Green (31%)
- Blue (15%)



- Red (88%)
- Yellow (35%)
- Blue (15%)



- Cyan (0%)
- Magenta (65%)
- Yellow (83%)
- Black (12%)



- Cyan (12%)
- Magenta (69%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E04E26 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 E04E26 by changing the saturation by 10% instead.



 E04E26

 E04E26

FFFFFF

 C0310C

 FF8557

 A00B00

 FFA170

 810000

 FFBE8B

 620000

 FFDA A5

 450001

 FFF8C1

 280001

 FFFFDD

 000000

 FFFFFA

 E04E26

 E04E26

 E03C10

 E0603C

 E03000

 E07153

 E08369

 E09480

 E0A696

 E0B7AC

 E0C9C3

 E0DBD9

 E0ECF0

# Harmonies

## Analogous

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



F12D65



E04E26



B86F00

# Triad

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



E04E26



009A58



007EFF

# Complementary

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



E04E26



26B8E0

# 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.



0091FE



E04E26



009C9C

# Square

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



E04E26



2B9305



009AD9



A55EE0

# Rectangle

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



E04E26



948000



009AD9



0086FF



# Sweetspot

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



E04E26



FFCDBF



E026BB



806159



000000



808080



# Same Dimension

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



E04E26



FF3700



E0A826



706765



B02600



300A00

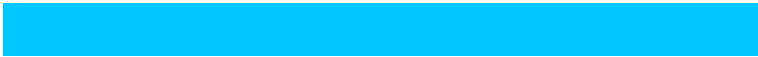


# Inverse Universe

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



26B8E0



00C8FF



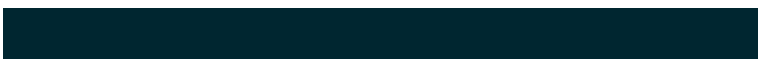
265EE0



656E70



008AB0



002630



# Previews

## White Background



This preview shows how the Hex color E04E26 looks on a white background.

## Color Contrast Check

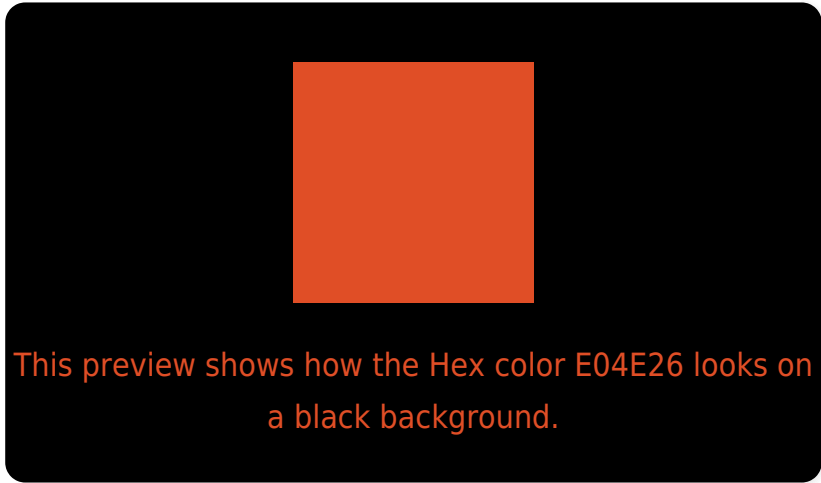
Large Text (above 18pt) WCAG AA ✓ Pass

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

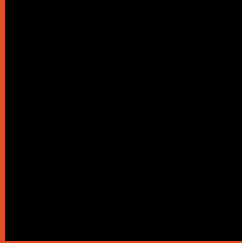
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E04E26 Background



This preview shows how black text looks on a background with the Hex color E04E26.



This preview shows how white text looks on a background with the Hex color E04E26.

# 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**  
E04E26

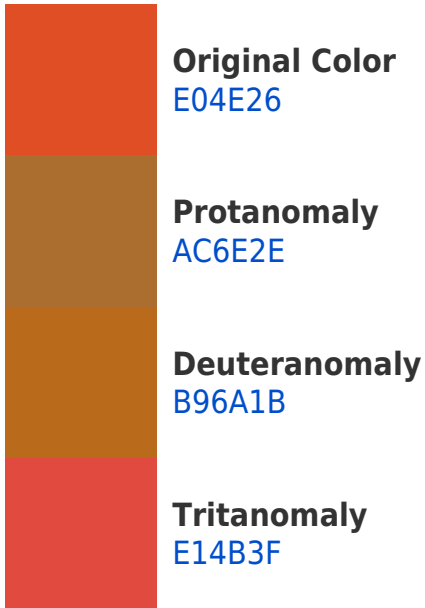
**Protanopia**  
8F8033

**Deuteranopia**  
A27A15



**Tritanopia**  
E14A4E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E04E26 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 #E04E26 looks like.

```
.text, #text, p{  
    color:#E04E26  
}
```

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 #E04E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04E26
}
```

## Border

The CSS property to change the border of an element to Hex E04E26 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
#E04E26 }
```

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

```
.border{ border-color:#E04E26 }
```

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

Here you see how a box with a 4 pixel #E04E26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04E26; -webkit-box-shadow:4px 4px  
4px 4px #E04E26; box-shadow:4px 4px 4px  
4px #E04E26 }
```

# Background

The CSS property to change the background color of an element to Hex E04E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04E26 }
```

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

```
.background{ background-color:#E04E26 }
```

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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