

# Converting Colors

Hex(E26B42)

Have a look what the booklet for  
Hex(E26B42) contains.

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**Color**

**Hex(E26B42)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E26B42
RGB	226, 107, 66
RGB Percent	89%, 42%, 26%
CMY	0.1137, 0.5804, 0.7412
CMYK	0.00, 0.53, 0.71, 0.11
HSL	15°, 73%, 57%
HSV	15°, 71%, 89%
XYZ	37.6051, 27.0775, 8.3987
YIQ	137.9070, 84.0850, 12.4770

# Conversions

## Conversions Part 2

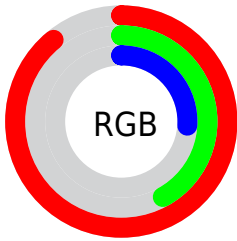
<b>Format</b>	<b>Color</b>
<b>RYB</b>	226, 121, 66
Decimal	14838594
CIELab	59.05, 43.59, 44.25
CIELCh	59, 62.115, 45.434
Yxy	27.0775, 0.5146, 0.3705
Android (android.graphics.Color)	4293028674 (0xFFE26B42)
YUV	137.9070, -35.4502, 77.2576
Hunter-Lab	52.0360, 37.9343, 26.8557

# Details

The Hex color **E26B42** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **42B9E2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA174**, and **A43713** is the 20% darker color. If you saturate the color by 10%, you get **E25A2B**, and if you desaturate by 10%, it is **E27C59**.

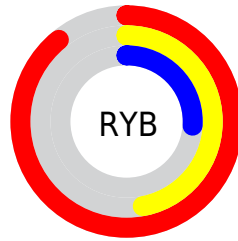
# Distribution



Red (89%)

Green (42%)

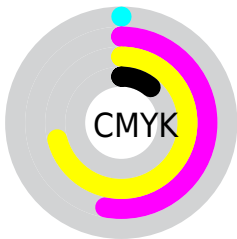
Blue (26%)



Red (89%)

Yellow (47%)

Blue (26%)

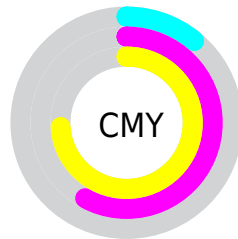


Cyan (0%)

Magenta (53%)

Yellow (71%)

Black (11%)



Cyan (11%)

Magenta (58%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E26B42 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 E26B42 by changing the saturation by 10% instead.



 E26B42

 E26B42

FFFFFF

 C3512A

 FFA174

 A43713

 FFBD8E

 861B00

 FFD9A8

 680000

 FFF6C4

 4B0000

 FFFFEO

 320002

FFFFFFD

 000000

 E26B42

 E26B42

 E25A2B

 E27C59

 E24915

 E28D6F

 E23A00

 E29D86

 E2AE9C

 E2BFB3

 E2D0CA

 E2E1E0

 E2F1F7

 E2FFFF

# Harmonies

## Analogous

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



F05974



E26B42



BF8218

# Triad

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



E26B42



00A671



568BF8

# Complementary

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



E26B42



42B9E2

# 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.



009CF8



E26B42



00A8AA

# Square

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



E26B42



4FA03C



00A5DB



B473DB

# Rectangle

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



E26B42



A08F09



00A5DB



0091FB



# Sweetspot

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



E26B42



FFD7C9



E242BA



806860



000000



808080



# Same Dimension

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



E26B42



FF5E26



E2BA42



706865



B02D00



300C00



# Inverse Universe

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



42B9E2



26C7FF



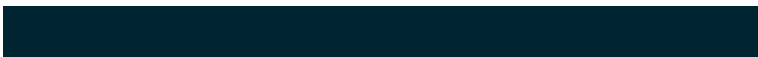
426AE2



656D70



0083B0

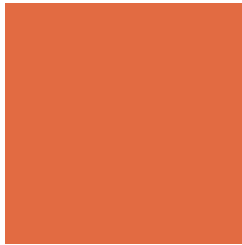


002430



# Previews

## White Background



This preview shows how the Hex color E26B42 looks on a white background.

## Color Contrast Check

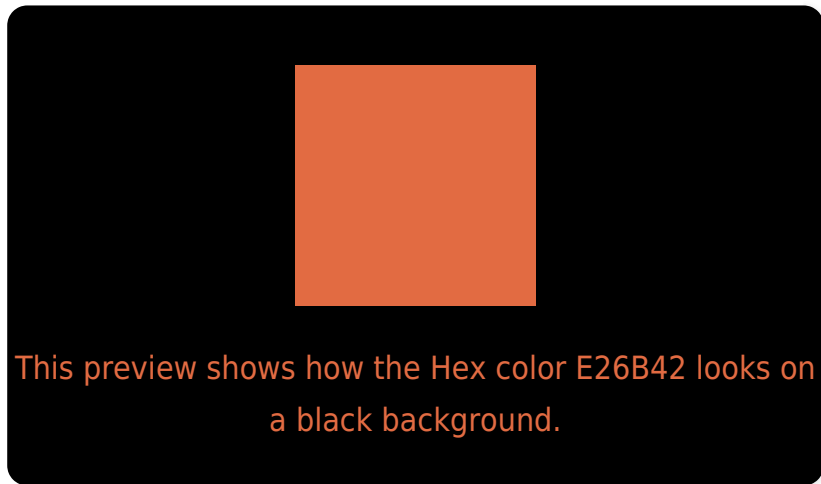
Large Text (above 18pt) WCAG AA ✓ Pass

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 E26B42 Background



This preview shows how black text looks on a background with the Hex color E26B42.



This preview shows how white text looks on a background with the Hex color E26B42.

# 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**  
E26B42

**Protanopia**  
9D8F4E

**Deuteranopia**  
B1883B



**Tritanopia**  
E4666D

# Trichromacy



**Original Color**  
E26B42

**Protanomaly**  
B6824A

**Deuteranomaly**  
C37D3E

**Tritanomaly**  
E3685D

# Monochromacy



**Original Color**  
E26B42

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
AA7F70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E26B42 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 #E26B42 looks like.

```
.text, #text, p{  
    color:#E26B42  
}
```

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 #E26B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E26B42
}
```

## Border

The CSS property to change the border of an element to Hex E26B42 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
#E26B42 }
```

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

```
.border{ border-color:#E26B42 }
```

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

Here you see how a box with a 4 pixel #E26B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E26B42; -webkit-box-shadow:4px 4px  
4px 4px #E26B42; box-shadow:4px 4px 4px  
4px #E26B42 }
```

# Background

The CSS property to change the background color of an element to Hex E26B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E26B42 }
```

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

```
.background{ background-color:#E26B42 }
```

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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