

# Converting Colors

Hex(E26D50)

Have a look what the booklet for  
Hex(E26D50) contains.

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**Color**

**Hex(E26D50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E26D50
RGB	226, 109, 80
RGB Percent	89%, 43%, 31%
CMY	0.1137, 0.5725, 0.6863
CMYK	0.00, 0.52, 0.65, 0.11
HSL	12°, 72%, 60%
HSV	12°, 65%, 89%
XYZ	38.2806, 27.6852, 10.9156
YIQ	140.6770, 79.0410, 15.7850

# Conversions

## Conversions Part 2

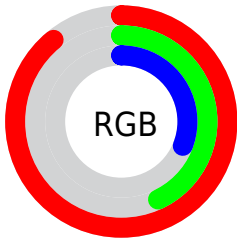
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 116, 80
Decimal	14839120
CIE <sub>Lab</sub>	59.60, 43.37, 37.44
CIE <sub>LCh</sub>	60, 57.296, 40.803
Yxy	27.6852, 0.4979, 0.3601
Android (android.graphics.Color)	4293029200 (0xFFE26D50)
YUV	140.6770, -29.9138, 74.8283
Hunter-Lab	52.6167, 37.7861, 24.5317

# Details

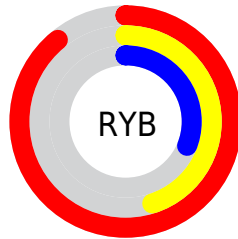
The Hex color **E26D50** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **50C5E2**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA382**, and **A53922** is the 20% darker color. If you saturate the color by 10%, you get **E25B39**, and if you desaturate by 10%, it is **E27F67**.

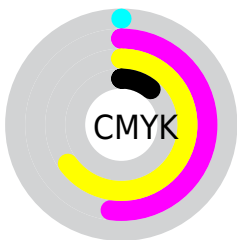
# Distribution



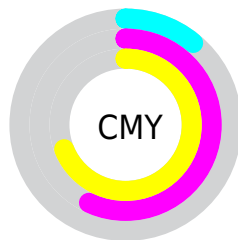
- Red (89%)
- Green (43%)
- Blue (31%)



- Red (89%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (52%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (57%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E26D50 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 E26D50 by changing the saturation by 10% instead.



 E26D50

 E26D50

FFFFFF

 C35338

 FFA382

 A53922

 FFBF9C

 871D0B

 FFDBB7

 6A0000

 FFF8D3

 4C0000

 FFFFF0

 330002

 000000

 E26D50

 E26D50

 E25B39

 E27F67

 E24923

 E2917D

 E2370C

 E2A394

 E22D00

 E2B5AA

 E2C8C1

 E2DAD8

 E2ECEE

 E2FEFF

 E2FFFF

# Harmonies

## Analogous

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



EB607F



E26D50



C4812B

# Triad

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



E26D50



00A66D



4C8FF3

# Complementary

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



E26D50



50C5E2

# 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.



009EEE



E26D50



00A8A1

# Square

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



E26D50



629F3E



00A6D0



AA7ADC

# Rectangle

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



E26D50



A98E20



00A6D0



0095F4

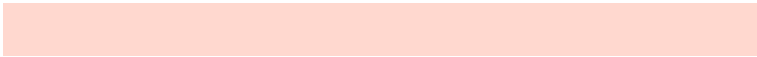


# Sweetspot

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



E26D50



FFD8CF



E250C7



806862



000000



808080



# Same Dimension

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



E26D50



FF6038



E2B450



706765



B02300



300A00



# Inverse Universe

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



50C5E2



38D7FF



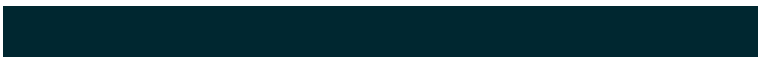
507EE2



656E70



008DB0

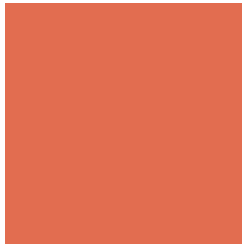


002730



# Previews

## White Background



This preview shows how the Hex color E26D50 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

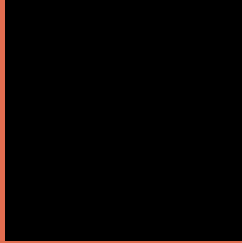
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E26D50 Background



This preview shows how black text looks on a background with the Hex color E26D50.

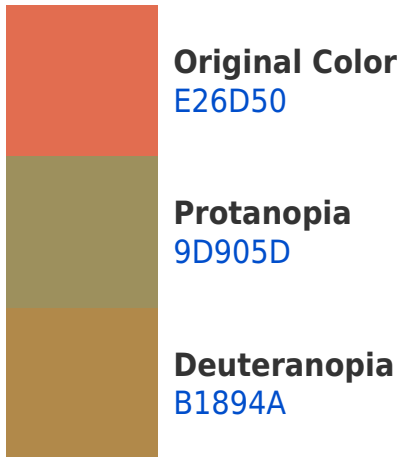


This preview shows how white text looks on a background with the Hex color E26D50.

# 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





**Tritanopia**  
E46970

# Trichromacy



**Original Color**  
E26D50

**Protanomaly**  
B68358

**Deuteranomaly**  
C37F4C

**Tritanomaly**  
E36A64

# Monochromacy



**Original Color**  
E26D50

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
AC8177

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E26D50 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 #E26D50 looks like.

```
.text, #text, p{  
    color:#E26D50  
}
```

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 #E26D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E26D50
}
```

## Border

The CSS property to change the border of an element to Hex E26D50 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
#E26D50 }
```

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

```
.border{ border-color:#E26D50 }
```

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

Here you see how a box with a 4 pixel #E26D50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E26D50; -webkit-box-shadow:4px 4px  
4px 4px #E26D50; box-shadow:4px 4px 4px  
4px #E26D50 }
```

# Background

The CSS property to change the background color of an element to Hex E26D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E26D50 }
```

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

```
.background{ background-color:#E26D50 }
```

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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