

Converting Colors

Hex(E27926)

Have a look what the booklet for
Hex(E27926) contains.

| | |
|--|----|
| Hex(E27926) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(E27926)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E27926 |
| RGB | 226, 121, 38 |
| RGB Percent | 89%, 47%, 15% |
| CMY | 0.1137, 0.5255, 0.8510 |
| CMYK | 0.00, 0.46, 0.83, 0.11 |
| HSL | 26°, 76%, 52% |
| HSV | 26°, 83%, 89% |
| XYZ | 38.5513, 29.9834, 5.5892 |
| YIQ | 142.9330, 89.2230, -3.5530 |

Conversions

Conversions Part 2

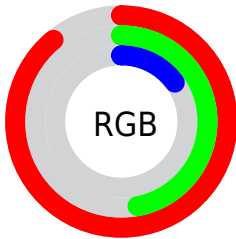
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 226, 187, 38 |
| Decimal | 14842150 |
| CIE Lab | 61.64, 35.46, 59.53 |
| CIE LCh | 62, 69.293, 59.220 |
| Yxy | 29.9834, 0.5201, 0.4045 |
| Android (android.graphics.Color) | 4293032230 (0xFFE27926) |
| YUV | 142.9330, -51.7320, 72.8498 |
| Hunter-Lab | 54.7571, 29.8463, 32.2781 |

Details

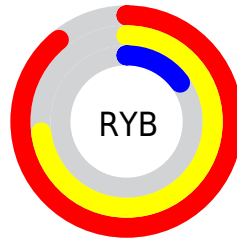
The Hex color **E27926** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **268FE2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFAE5B**, and **A44600** is the 20% darker color. If you saturate the color by 10%, you get **E26C0F**, and if you desaturate by 10%, it is **E2863D**.

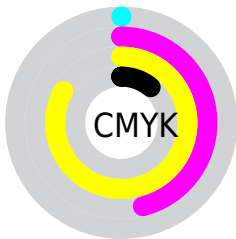
Distribution



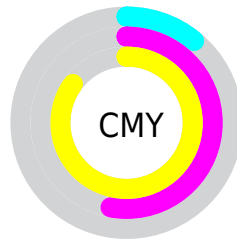
- Red (89%)
- Green (47%)
- Blue (15%)



- Red (89%)
- Yellow (73%)
- Blue (15%)



- Cyan (0%)
- Magenta (46%)
- Yellow (83%)
- Black (11%)



- Cyan (11%)
- Magenta (53%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E27926 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 E27926 by changing the saturation by 10% instead.

 E27926

 E27926

FFFFFF

 C35F04

 FFAE5B

 A44600

 FFCA75

 862E00

 FFE790

 681400

 FFFFAB

 4B0000

 FFFFC7

 320001

 FFFFE4

 000000

 E27926

 E27926

 E26C0F

 E2863D

 E26400

 E29253

 E29F6A

 E2AB80

 E2B897

 E2C5AE

 E2D1C4

 E2DEDB

 E2EBF1

Harmonies

Analogous

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



FE5F5D



E27926



B39200

Triad

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



E27926



00B191



8F85FF

Complementary

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



E27926



268FE2

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.



009DFF



E27926



00B1CF

Square

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



E27926



00AC52



00ABFE



DC68D5

Rectangle

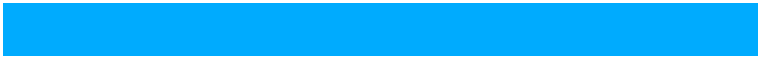
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E27926



8D9E00



00ABFE



648EFF

Sweetspot

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



E27926



FFDBBF



E22691



806A59



000000



808080

Same Dimension

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



E27926



FF7100



E2D526



706A65



B04E00



301500

Inverse Universe

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



268FE2



008EFF



2633E2



656B70



0062B0



001B30

Previews

White Background



This preview shows how the Hex color E27926 looks on a white background.

Color Contrast Check

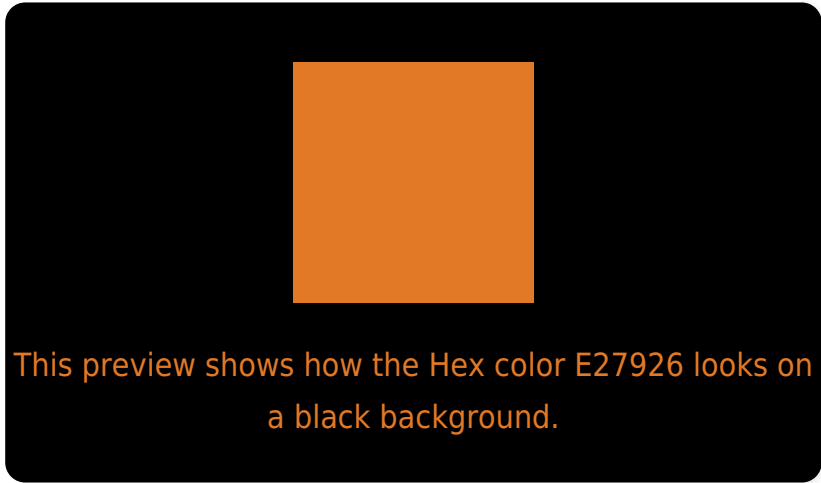
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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

Hex E27926 Background



This preview shows how black text looks on a background with the Hex color E27926.



This preview shows how white text looks on a background with the Hex color E27926.

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
E27926

Protanopia
A7962D

Deuteranopia
BC8E1C



Tritanopia
E67179

Trichromacy



Original Color
E27926

Protanomaly
BC8B2A

Deuteranomaly
CA8620

Tritanomaly
E5745B

Monochromacy



Original Color
E27926

Achromatopsia
8F8F8F

Achromatomaly
AD8769

CSS Examples

Text

The CSS property to change the color of the text to Hex E27926 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 #E27926 looks like.

```
.text, #text, p{  
    color:#E27926  
}
```

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 #E27926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27926
}
```

Border

The CSS property to change the border of an element to Hex E27926 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
#E27926 }
```

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

```
.border{ border-color:#E27926 }
```

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

Here you see how a box with a 4 pixel #E27926 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27926; -webkit-box-shadow:4px 4px  
4px 4px #E27926; box-shadow:4px 4px 4px  
4px #E27926 }
```

Background

The CSS property to change the background color of an element to Hex E27926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27926 }
```

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

```
.background{ background-color:#E27926 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor