

Converting Colors

Hex(E28533)

Have a look what the booklet for
Hex(E28533) contains.

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Color

Hex(E28533)

Conversions

Conversions Part 1

Format	Color
Hex	E28533
RGB	226, 133, 51
RGB Percent	89%, 52%, 20%
CMY	0.1137, 0.4784, 0.8000
CMYK	0.00, 0.41, 0.77, 0.11
HSL	28°, 75%, 54%
HSV	28°, 77%, 89%
XYZ	40.3491, 33.1828, 7.4103
YIQ	151.4590, 81.7500, -5.7860

Conversions

Conversions Part 2

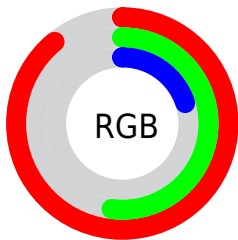
Format	Color
R _Y B	226, 205, 51
Decimal	14845235
CIE Lab	64.31, 29.62, 56.81
CIE LCh	64, 64.067, 62.459
Yxy	33.1828, 0.4985, 0.4100
Android (android.graphics.Color)	4293035315 (0xFFE28533)
YUV	151.4590, -49.5263, 65.3725
Hunter-Lab	57.6045, 24.2224, 32.6961

Details

The Hex color **E28533** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3390E2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFBB67**, and **A55200** is the 20% darker color. If you saturate the color by 10%, you get **E2791C**, and if you desaturate by 10%, it is **E2914A**.

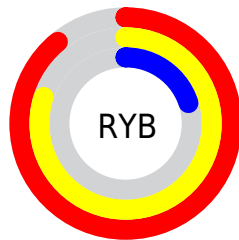
Distribution



Red (89%)

Green (52%)

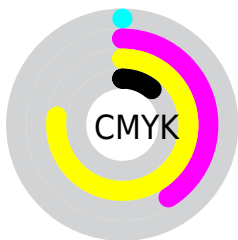
Blue (20%)



Red (89%)

Yellow (80%)

Blue (20%)

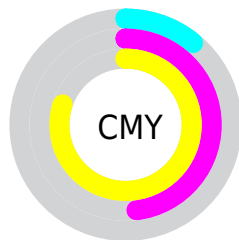


Cyan (0%)

Magenta (41%)

Yellow (77%)

Black (11%)



Cyan (11%)

Magenta (48%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color E28533 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 E28533 by changing the saturation by 10% instead.

 E28533

 E28533

FFFFFF

 C36B17

 FFBB67

 A55200

 FFD781

 873A00

 FFF39C

 6A2300

 FFFFB8

 4D0A00

 FFFFD4

 320000

 FFFFF1

 0D0000

 000000

 E28533

 E28533

 E2791C

 E2914A

 E26D06

 E29D60

 E26A00

 E2A977

 E2B58D

 E2C1A4

 E2CDDB

 E2D9D1

 E2E5E8

 E2F1FE

Harmonies

Analogous

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



FE6E62



E28533



B59B17

Triad

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



E28533



00B79F



A28BFD

Complementary

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



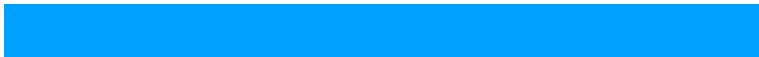
E28533



3390E2

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.



00A1FF



E28533



00B6D8

Square

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



E28533



00B364



00AFFF



E572D2

Rectangle

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



E28533



8FA624



00AFFF



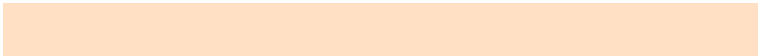
8193FF

Sweetspot

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



E28533



FFE0C4



E23390



806D5C



000000



808080

Same Dimension

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



E28533



FF8112



E2DC33



706A65



B05200



301700

Inverse Universe

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



3390E2



1290FF



3339E2



656B70



005EB0



001A30

Previews

White Background



This preview shows how the Hex color E28533 looks on a white background.

Color Contrast Check

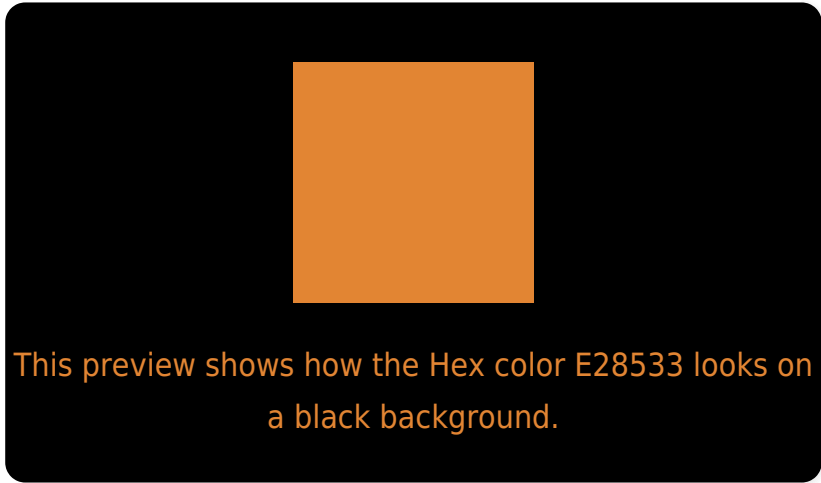
Large Text (above 18pt) WCAG AA × Fail

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 E28533 Background



This preview shows how black text looks on a background with the Hex color E28533.

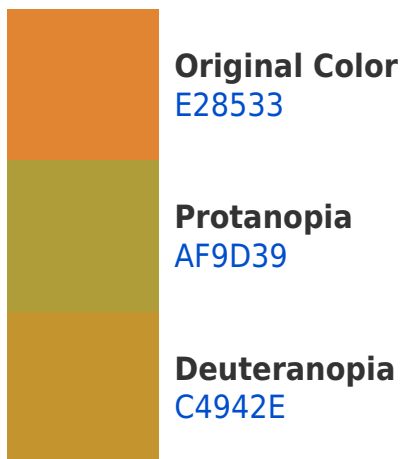



This preview shows how white text looks on a background with the Hex color E28533.

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](#).

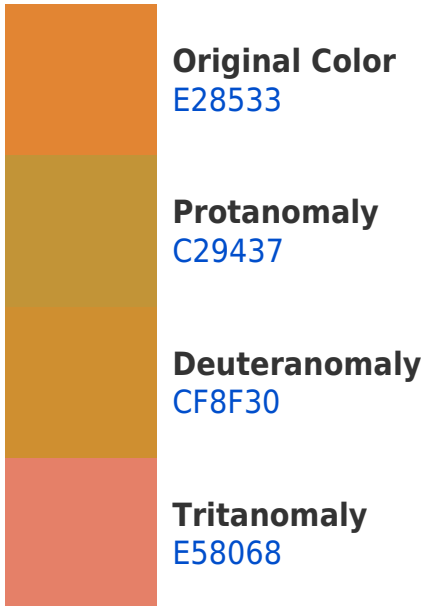
Dichromacy





Tritanopia
E67D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E28533 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 #E28533 looks like.

```
.text, #text, p{  
    color:#E28533  
}
```

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 #E28533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E28533
}
```

Border

The CSS property to change the border of an element to Hex E28533 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
#E28533 }
```

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

```
.border{ border-color:#E28533 }
```

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

Here you see how a box with a 4 pixel #E28533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E28533; -webkit-box-shadow:4px 4px  
4px 4px #E28533; box-shadow:4px 4px 4px  
4px #E28533 }
```

Background

The CSS property to change the background color of an element to Hex E28533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E28533 }
```

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

```
.background{ background-color:#E28533 }
```

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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