

Converting Colors

Hex(E28243)

Have a look what the booklet for
Hex(E28243) contains.

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Color

Hex(E28243)

Conversions

Conversions Part 1

Format	Color
Hex	E28243
RGB	226, 130, 67
RGB Percent	89%, 51%, 26%
CMY	0.1137, 0.4902, 0.7373
CMYK	0.00, 0.42, 0.70, 0.11
HSL	24°, 73%, 57%
HSV	24°, 70%, 89%
XYZ	40.3598, 32.5393, 9.4637
YIQ	151.5220, 77.4390, 0.7590

Conversions

Conversions Part 2

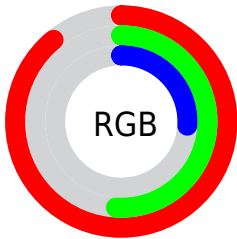
Format	Color
RYB	226, 171, 67
Decimal	14844483
CIELab	63.79, 31.91, 48.97
CIElCh	64, 58.448, 56.912
Yxy	32.5393, 0.4900, 0.3951
Android (android.graphics.Color)	4293034563 (0xFFE28243)
YUV	151.5220, -41.6693, 65.3172
Hunter-Lab	57.0432, 26.4685, 30.0938

Details

The Hex color **E28243** 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 **43A3E2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB876**, and **A54F10** is the 20% darker color. If you saturate the color by 10%, you get **E2742C**, and if you desaturate by 10%, it is **E2905A**.

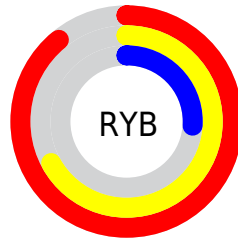
Distribution



Red (89%)

Green (51%)

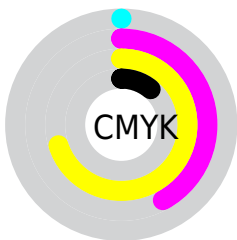
Blue (26%)



Red (89%)

Yellow (67%)

Blue (26%)

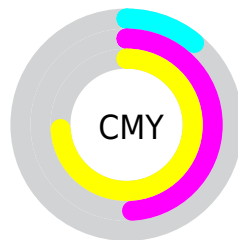


Cyan (0%)

Magenta (42%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (49%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E28243 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 E28243 by changing the saturation by 10% instead.

 E28243

 E28243

FFFFFF

 C3682A

 FFB876

 A54F10

 FFD490

 883700

 FFF0AB

 6A1F00

 FFFFC7

 4E0500

 FFFFEE

 330000

 0D0000

 000000

 E28243

 E28243

 E2742C

 E2905A

 E26716

 E29D70

 E25A00

 E2AB87

 E2B99D

 E2C6B4

 E2D4CB

 E2E2E1

 E2EFF8

 E2FDFF

Harmonies

Analogous

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



F8706E



E28243



BB962A

Triad

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



E28243



00B393



928FF8

Complementary

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



E28243



43A3E2

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.



00A2FF



E28243



00B3C8

Square

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



E28243



40AF5F



00AEF1



D579D4

Rectangle

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



E28243



9AA12D



00AEF1



7196FE

Sweetspot

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



E28243



FFDFC9



E243A5



806C60



000000



808080

Same Dimension

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



E28243



FF7E29



E2CF43



706965



B04600



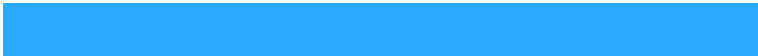
301300

Inverse Universe

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



43A3E2



29AAFF



4356E2



656C70



006AB0



001D30

Previews

White Background



This preview shows how the Hex color E28243 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

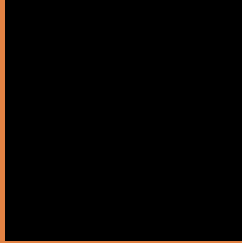
Any Text WCAG AA ✓ Pass

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 E28243 Background



This preview shows how black text looks on a background with the Hex color E28243.

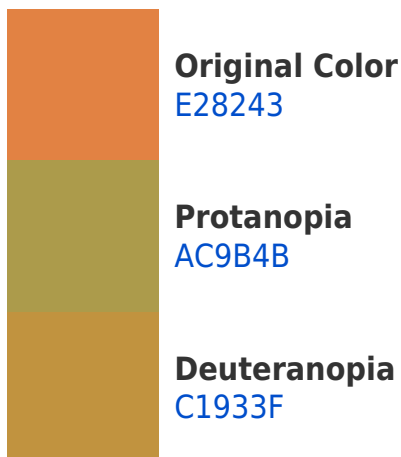


This preview shows how white text looks on a background with the Hex color E28243.

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
E67B84

Trichromacy



Original Color
E28243

Protanomaly
C09248

Deuteranomaly
CD8D40

Tritanomaly
E57E6C

Monochromacy



Original Color
E28243

Achromatopsia
989898

Achromatomaly
B39079

CSS Examples

Text

The CSS property to change the color of the text to Hex E28243 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 #E28243 looks like.

```
.text, #text, p{  
    color:#E28243  
}
```

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 #E28243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E28243
}
```

Border

The CSS property to change the border of an element to Hex E28243 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
#E28243 }
```

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

```
.border{ border-color:#E28243 }
```

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

Here you see how a box with a 4 pixel #E28243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E28243; -webkit-box-shadow:4px 4px  
4px 4px #E28243; box-shadow:4px 4px 4px  
4px #E28243 }
```

Background

The CSS property to change the background color of an element to Hex E28243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E28243 }
```

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

```
.background{ background-color:#E28243 }
```

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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