

Converting Colors

Hex(E88429)

Have a look what the booklet for
Hex(E88429) contains.

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Color

Hex(E88429)

Conversions

Conversions Part 1

Format	Color
Hex	E88429
RGB	232, 132, 41
RGB Percent	91%, 52%, 16%
CMY	0.0902, 0.4824, 0.8392
CMYK	0.00, 0.43, 0.82, 0.09
HSL	29°, 81%, 54%
HSV	29°, 82%, 91%
XYZ	41.9302, 33.8184, 6.4155
YIQ	151.5260, 88.8110, -7.1010

Conversions

Conversions Part 2

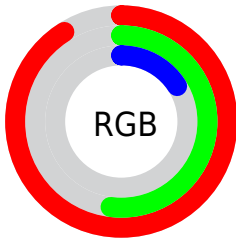
Format	Color
R _Y B	232, 215, 41
Decimal	15238185
CIE Lab	64.82, 32.27, 61.52
CIE LCh	65, 69.468, 62.318
Yxy	33.8184, 0.5103, 0.4116
Android (android.graphics.Color)	4293428265 (0xFFE88429)
YUV	151.5260, -54.4893, 70.5757
Hunter-Lab	58.1536, 26.9341, 34.1667

Details

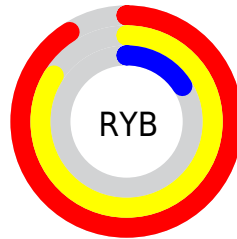
The Hex color **E88429** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **298DE8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFBA5E**, and **AA5100** is the 20% darker color. If you saturate the color by 10%, you get **E87812**, and if you desaturate by 10%, it is **E89040**.

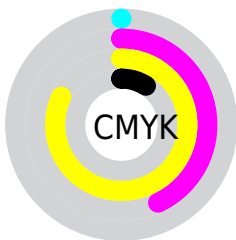
Distribution



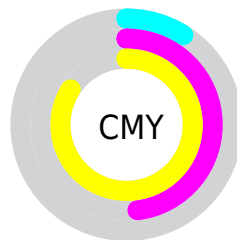
- Red (91%)
- Green (52%)
- Blue (16%)



- Red (91%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (43%)
- Yellow (82%)
- Black (9%)



- Cyan (9%)
- Magenta (48%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E88429 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 E88429 by changing the saturation by 10% instead.

 E88429

 E88429

FFFFFF

 C96A06

 FFBA5E

 AA5100

 FFD679

 8C3900

 FFF294

 6E2100

 FFFF80

 510700

 FFFFCC

 360000

 FFFF99

 160000

 000000

 E88429

 E88429

 E87812

 E89040

 E86F00

 E89C57

 E8A86F

 E8B586

 E8C19D

 E8CDB4

 E8D9CB

 E8E5E3

 E8F1FA

Harmonies

Analogous

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



FF6A5E



E88429



B79C00

Triad

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



E88429



00BAA0



A38BFF

Complementary

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



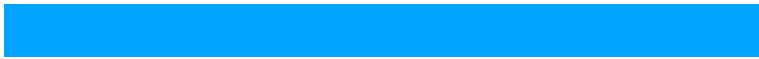
E88429



298DE8

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.



00A3FF



E88429



00B9DE

Square

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



E88429



00B660



00B2FF



EB6ED8

Rectangle

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



E88429



8FA812



00B2FF



7D94FF

Sweetspot

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



E88429



FFDEBF



E8298F



806B59



000000



808080

Same Dimension

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



E88429



FF7B03



E8E229



736D67



B35500



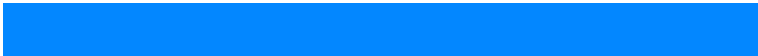
331800

Inverse Universe

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



298DE8



0387FF



292FE8



676D73



005DB3



001B33

Previews

White Background



This preview shows how the Hex color E88429 looks on a white background.

Color Contrast Check

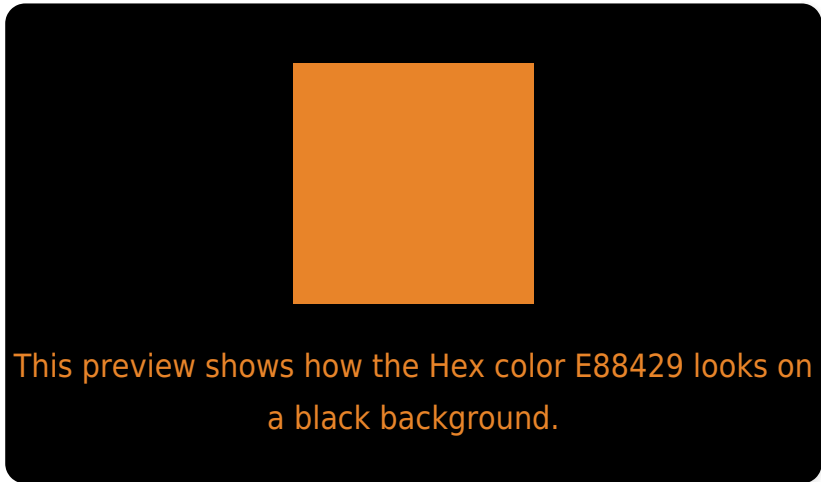
Large Text (above 18pt) WCAG AA × Fail

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 E88429 Background



This preview shows how black text looks on a background with the Hex color E88429.



This preview shows how white text looks on a background with the Hex color E88429.

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
E88429

Protanopia
B19E30

Deuteranopia
C79621

Trichromacy



Original Color
E88429

Protanomaly
C5952D

Deuteranomaly
D38F24

Tritanomaly
EB7E63

Monochromacy



Original Color
E88429

Achromatopsia
989898

Achromatomaly
B59170

CSS Examples

Text

The CSS property to change the color of the text to Hex E88429 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 #E88429 looks like.

```
.text, #text, p{  
    color:#E88429  
}
```

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 #E88429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E88429
}
```

Border

The CSS property to change the border of an element to Hex E88429 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
#E88429 }
```

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

```
.border{ border-color:#E88429 }
```

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

Here you see how a box with a 4 pixel #E88429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E88429; -webkit-box-shadow:4px 4px  
4px 4px #E88429; box-shadow:4px 4px 4px  
4px #E88429 }
```

Background

The CSS property to change the background color of an element to Hex E88429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E88429 }
```

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

```
.background{ background-color:#E88429 }
```

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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