

Converting Colors

Hex(E2AE30)

Have a look what the booklet for
Hex(E2AE30) contains.

Hex(E2AE30)	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(E2AE30)

Conversions

Conversions Part 1

Format	Color
Hex	E2AE30
RGB	226, 174, 48
RGB Percent	89%, 68%, 19%
CMY	0.1137, 0.3176, 0.8118
CMYK	0.00, 0.23, 0.79, 0.11
HSL	42°, 75%, 54%
HSV	42°, 79%, 89%
XYZ	47.0336, 46.6543, 9.3225
YIQ	175.1840, 71.4380, -28.1620

Conversions

Conversions Part 2

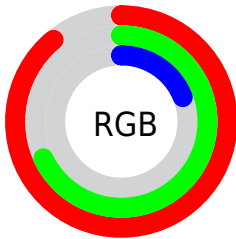
Format	Color
RYB	121, 226, 48
Decimal	14855728
CIELab	73.97, 7.69, 66.97
CIELCh	74, 67.407, 83.451
Yxy	46.6543, 0.4566, 0.4529
Android (android.graphics.Color)	4293045808 (0xFFE2AE30)
YUV	175.1840, -62.7017, 44.5656
Hunter-Lab	68.3039, 3.3819, 39.7205

Details

The Hex color **E2AE30** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3064E2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE568**, and **A67A00** is the 20% darker color. If you saturate the color by 10%, you get **E2A719**, and if you desaturate by 10%, it is **E2B547**.

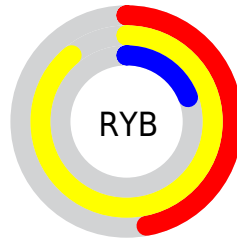
Distribution



Red (89%)

Green (68%)

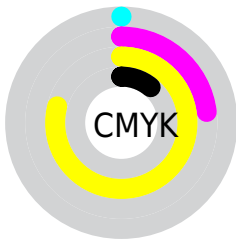
Blue (19%)



Red (47%)

Yellow (89%)

Blue (19%)

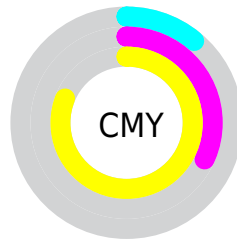


Cyan (0%)

Magenta (23%)

Yellow (79%)

Black (11%)



Cyan (11%)

Magenta (32%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2AE30 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 E2AE30 by changing the saturation by 10% instead.

 E2AE30

 E2AE30

FFFFFF

 C4940A

 FFE568

 A67A00

 FFFF84

 896100

 FFFF9F

 6C4A00

 FFFFBC

 503400

 FFFFD8

 361F00

 FFFFF6

 1E0800

 000000

 E2AE30

 E2AE30

 E2A719

 E2B547

 E2A103

 E2BB5D

 E2A000

 E2C274

 E2C88A

 E2CFA1

 E2D6B8

 E2DCCE

 E2E3E5

 E2E9FB

Harmonies

Analogous

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



FF9653



E2AE30



A7C139

Triad

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



E2AE30



00D3E5



F491FF

Complementary

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



E2AE30



3064E2

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.



9FABFF



E2AE30



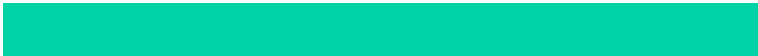
00CEFF

Square

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



E2AE30



00D3A6



00C1FF



FF7DC6

Rectangle

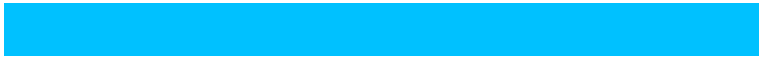
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2AE30



76CA56



00C1FF



DD99FF

Sweetspot

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



E2AE30



FFEDC2



E23065



80755B



000000



808080

Same Dimension

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



E2AE30



FFB80D



BEE230



706D65



B07D00



302200

Inverse Universe

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



3064E2



0D54FF



5430E2



656870



0033B0



000E30

Previews

White Background



This preview shows how the Hex color E2AE30 looks on a white background.

Color Contrast Check

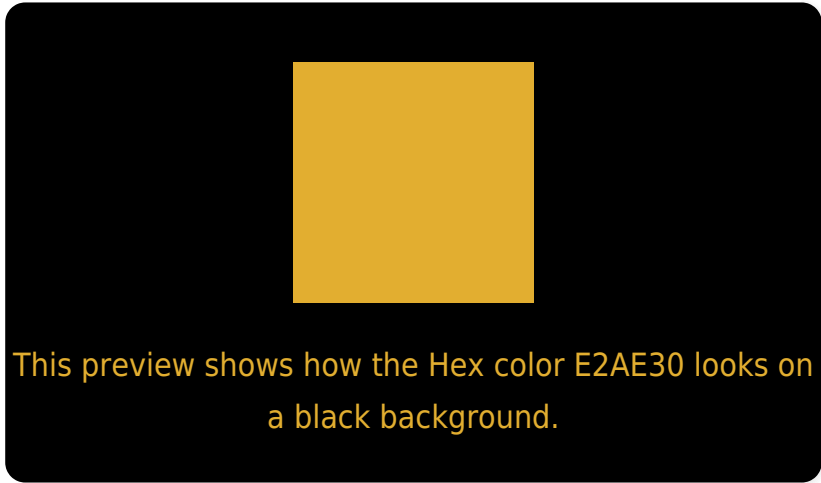
Large Text (above 18pt) WCAG AA × Fail

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 E2AE30 Background



This preview shows how black text looks on a background with the Hex color E2AE30.



This preview shows how white text looks on a background with the Hex color E2AE30.

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
E2AE30

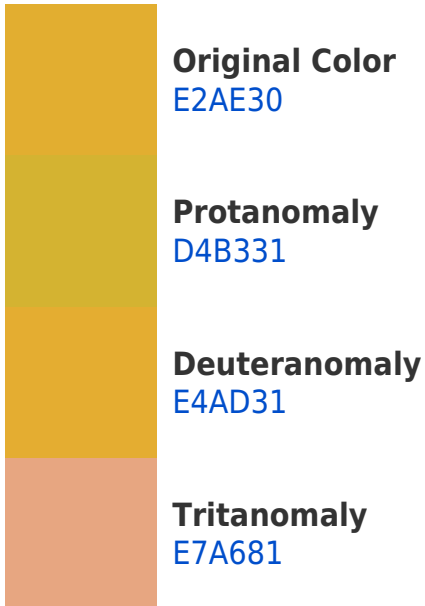
Protanopia
CCB632

Deuteranopia
E5AD31



Tritanopia
EAA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2AE30 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 #E2AE30 looks like.

```
.text, #text, p{  
    color:#E2AE30  
}
```

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 #E2AE30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2AE30
}
```

Border

The CSS property to change the border of an element to Hex E2AE30 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
#E2AE30 }
```

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

```
.border{ border-color:#E2AE30 }
```

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

Here you see how a box with a 4 pixel #E2AE30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2AE30; -webkit-box-shadow:4px 4px  
4px 4px #E2AE30; box-shadow:4px 4px 4px  
4px #E2AE30 }
```

Background

The CSS property to change the background color of an element to Hex E2AE30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2AE30 }
```

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

```
.background{ background-color:#E2AE30 }
```

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