

Converting Colors

Hex(E0A300)

Have a look what the booklet for
Hex(E0A300) contains.

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Color

Hex(E0A300)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0A300 |
| RGB | 224, 163, 0 |
| RGB Percent | 88%, 64%, 0% |
| CMY | 0.1216, 0.3608, 1.0000 |
| CMYK | 0.00, 0.27, 1.00, 0.12 |
| HSL | 44°, 100%, 44% |
| HSV | 44°, 100%, 88% |
| XYZ | 43.8377, 42.0417, 5.8044 |
| YIQ | 162.6570, 88.6790, -37.7610 |

Conversions

Conversions Part 2

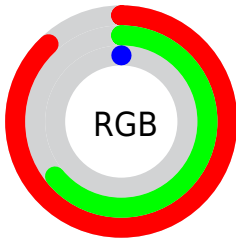
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 84, 224, 0 |
| Decimal | 14721792 |
| CIELab | 70.90, 11.75, 74.56 |
| CIELCh | 71, 75.475, 81.047 |
| Yxy | 42.0417, 0.4781, 0.4586 |
| Android (android.graphics.Color) | 4292911872 (0xFFE0A300) |
| YUV | 162.6570, -80.1899, 53.7978 |
| Hunter-Lab | 64.8396, 7.2136, 40.0801 |

Details

The Hex color **E0A300** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **003DE0**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDA4E**, and **A37000** is the 20% darker color. If you saturate the color by 10%, you get **E0A300**, and if you desaturate by 10%, it is **E0A916**.

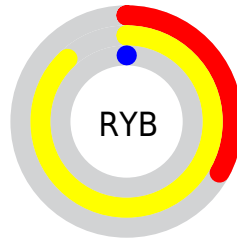
Distribution



Red (88%)

Green (64%)

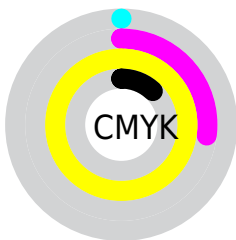
Blue (0%)



Red (33%)

Yellow (88%)

Blue (0%)

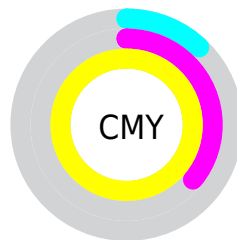


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0A300 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 E0A300 by changing the saturation by 10% instead.

 E0A300

 E0A300

FFFFFF

 C18900

 FFDA4E

 A37000

 FFF66A

 865700

 FFFF86

 684000

 FFFFA2

 4D2B00

 FFFFBF

 321600

 FFFFDC

 1B0000

 FFFFFA

 000000

 E0A300

 E0A916

 E0AF2D

 E0B543

 E0BB5A

 E0C270

 E0C886

 E0CE9D

 E0D4B3

 E0DACA

Harmonies

Analogous

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



FF8642



E0A300



A0B90D

Triad

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



E0A300



00CDDD



EC85FF

Complementary

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



E0A300



003DE0

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.



83A4FF



E0A300



00C9FF

Square

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



E0A300



00CC96



00BCFF



FF6AC5

Rectangle

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



E0A300



6AC23B



00BCFF



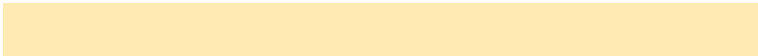
D08FFF

Sweetspot

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



E0A300



FFEAB3



E0003F



807352



000000



808080

Same Dimension

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



E0A300



FFBA00



AFE000



706D65



B08000



302300

Inverse Universe

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



003DE0



0045FF



3100E0



656870



0030B0



000D30

Previews

White Background



This preview shows how the Hex color E0A300 looks on a white background.

Color Contrast Check

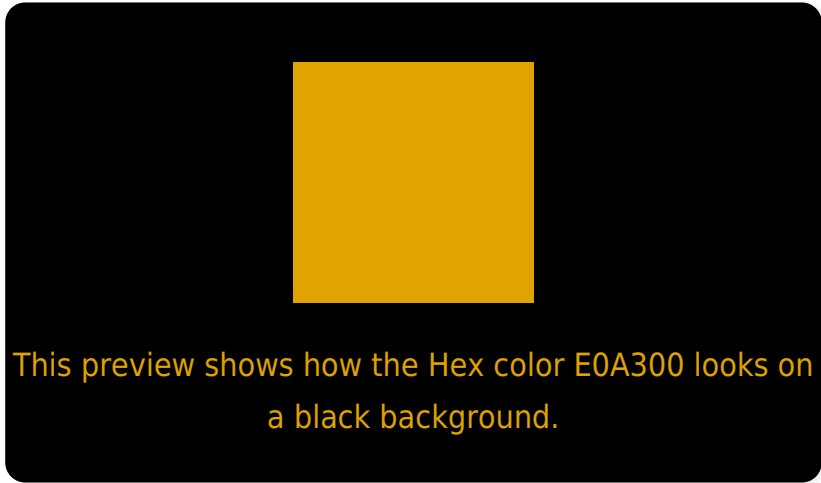
Large Text (above 18pt) WCAG AA × Fail

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 E0A300 Background



This preview shows how black text looks on a background with the Hex color E0A300.



This preview shows how white text looks on a background with the Hex color E0A300.

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
E0A300

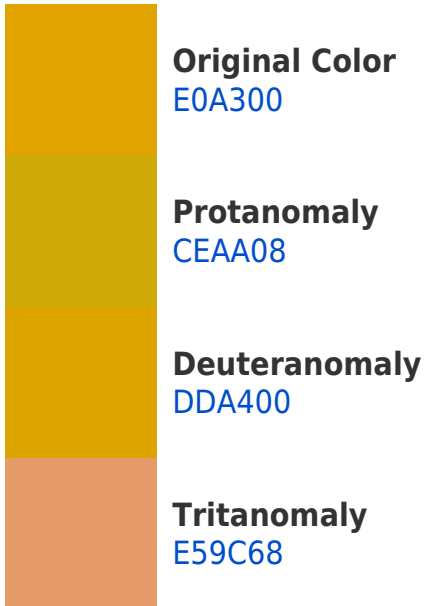
Protanopia
C4AE0D

Deuteranopia
DCA500

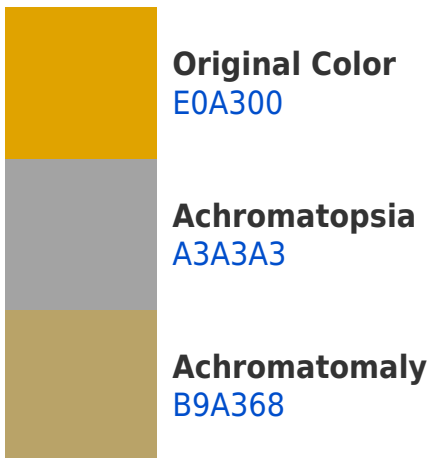


Tritanopia
E898A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0A300 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 #E0A300 looks like.

```
.text, #text, p{  
    color:#E0A300  
}
```

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 #E0A300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0A300
}
```

Border

The CSS property to change the border of an element to Hex E0A300 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
#E0A300 }
```

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

```
.border{ border-color:#E0A300 }
```

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

Here you see how a box with a 4 pixel #E0A300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0A300; -webkit-box-shadow:4px 4px  
4px 4px #E0A300; box-shadow:4px 4px 4px  
4px #E0A300 }
```

Background

The CSS property to change the background color of an element to Hex E0A300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0A300 }
```

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

```
.background{ background-color:#E0A300 }
```

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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