

Converting Colors

Hex(E5A700)

Have a look what the booklet for
Hex(E5A700) contains.

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Color

Hex(E5A700)

Conversions

Conversions Part 1

Format	Color
Hex	E5A700
RGB	229, 167, 0
RGB Percent	90%, 65%, 0%
CMY	0.1020, 0.3451, 1.0000
CMYK	0.00, 0.27, 1.00, 0.10
HSL	44°, 100%, 45%
HSV	44°, 100%, 90%
XYZ	46.1318, 44.2954, 6.1185
YIQ	166.5000, 90.5590, -38.7930

Conversions

Conversions Part 2

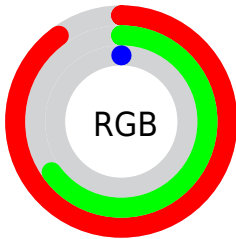
Format	Color
RYB	85, 229, 0
Decimal	15050496
CIELab	72.43, 11.79, 75.85
CIElCh	72, 76.764, 81.162
Yxy	44.2954, 0.4778, 0.4588
Android (android.graphics.Color)	4293240576 (0xFFE5A700)
YUV	166.5000, -82.0845, 54.8125
Hunter-Lab	66.5548, 7.2546, 41.1378

Details

The Hex color **E5A700** 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 **003EE5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDE4F**, and **A87300** is the 20% darker color. If you saturate the color by 10%, you get **E5A700**, and if you desaturate by 10%, it is **E5AD17**.

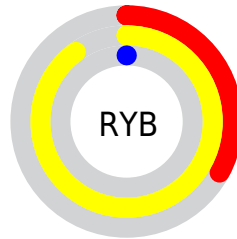
Distribution



Red (90%)

Green (65%)

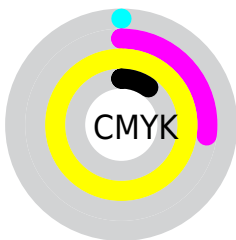
Blue (0%)



Red (33%)

Yellow (90%)

Blue (0%)

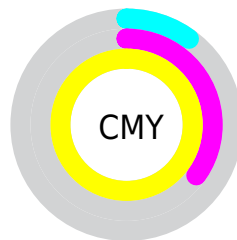


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5A700 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 E5A700 by changing the saturation by 10% instead.

 E5A700

 E5A700

FFFFFF

 C68D00

 FFDE4F

 A87300

 FFFA6B

 8A5B00

 FFFF87

 6D4400

 FFFFA4

 512E00

 FFFFC0

 361900

 FFFFDE

 1F0000

 FFFFFB

 000000

 E5A700

 E5AD17

 E5B32E

 E5BA45

 E5C05C

 E5C673

 E5CC89

 E5D2A0

 E5D9B7

 E5DFCE

Harmonies

Analogous

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



FF8A44



E5A700



A4BD0E

Triad

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



E5A700



00D2E2



F288FF

Complementary

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



E5A700



003EE5

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.



86A8FF



E5A700



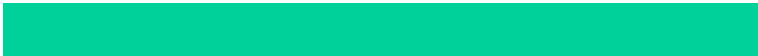
00CDFF

Square

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



E5A700



00D19A



00C0FF



FF6DCA

Rectangle

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



E5A700



6DC73D



00C0FF



D693FF

Sweetspot

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



E5A700



FFEAB3



E50041



807352



000000



808080

Same Dimension

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



E5A700



FFBA00



B3E500



737067



B38200



332500

Inverse Universe

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



003EE5



0045FF



3200E5



676A73



0030B3



000E33

Previews

White Background



This preview shows how the Hex color E5A700 looks on a white background.

Color Contrast Check

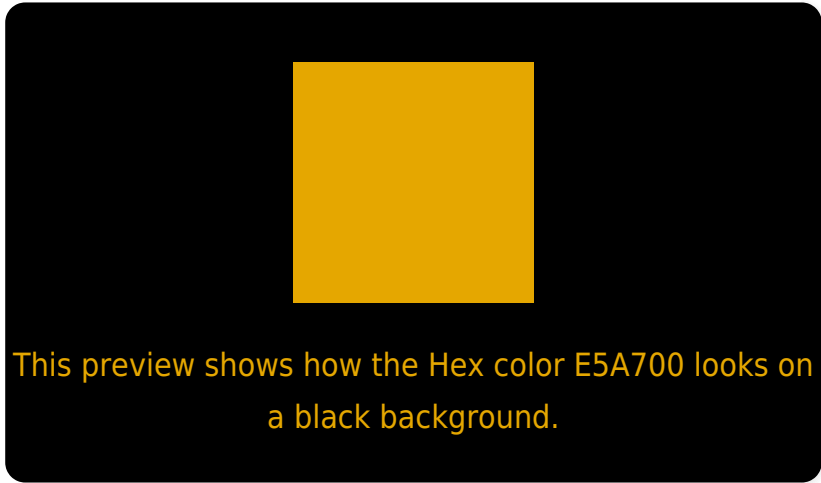
Large Text (above 18pt) WCAG AA × Fail

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 E5A700 Background



This preview shows how black text looks on a background with the Hex color E5A700.



This preview shows how white text looks on a background with the Hex color E5A700.

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
E5A700

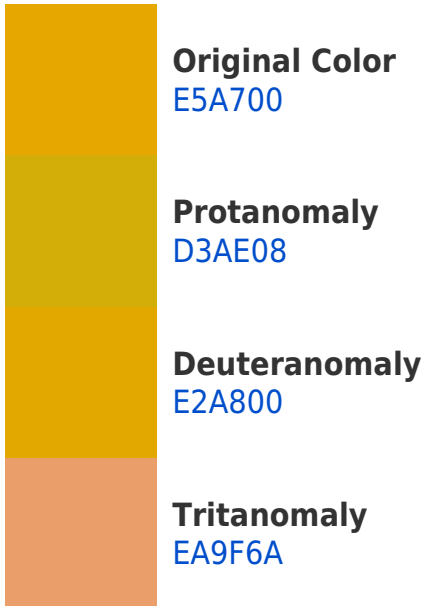
Protanopia
C9B20D

Deuteranopia
E1A900



Tritanopia
ED9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5A700 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 #E5A700 looks like.

```
.text, #text, p{  
    color:#E5A700  
}
```

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 #E5A700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5A700
}
```

Border

The CSS property to change the border of an element to Hex E5A700 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
#E5A700 }
```

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

```
.border{ border-color:#E5A700 }
```

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

Here you see how a box with a 4 pixel #E5A700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5A700; -webkit-box-shadow:4px 4px  
4px 4px #E5A700; box-shadow:4px 4px 4px  
4px #E5A700 }
```

Background

The CSS property to change the background color of an element to Hex E5A700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5A700 }
```

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

```
.background{ background-color:#E5A700 }
```

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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