

Converting Colors

Hex(EDA705)

Have a look what the booklet for
Hex(EDA705) contains.

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Color

Hex(EDA705)

Conversions

Conversions Part 1

Format	Color
Hex	EDA705
RGB	237, 167, 5
RGB Percent	93%, 65%, 2%
CMY	0.0706, 0.3451, 0.9804
CMYK	0.00, 0.30, 0.98, 0.07
HSL	42°, 96%, 47%
HSV	42°, 98%, 93%
XYZ	48.7712, 45.6529, 6.3850
YIQ	169.4620, 93.7220, -35.5420

Conversions

Conversions Part 2

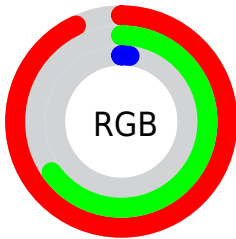
Format	Color
RYB	105, 237, 5
Decimal	15574789
CIELab	73.32, 15.29, 76.30
CIElCh	73, 77.816, 78.665
Yxy	45.6529, 0.4838, 0.4529
Android (android.graphics.Color)	4293764869 (0xFFEDA705)
YUV	169.4620, -81.0798, 59.2308
Hunter-Lab	67.5669, 10.6027, 41.6941

Details

The Hex color **EDA705** 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 **054BED**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDE50**, and **AF7300** is the 20% darker color. If you saturate the color by 10%, you get **EDA500**, and if you desaturate by 10%, it is **EDAE1D**.

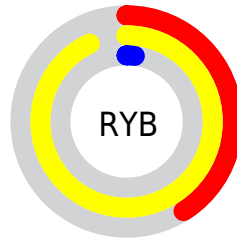
Distribution



Red (93%)

Green (65%)

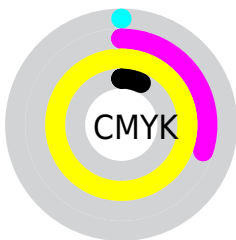
Blue (2%)



Red (41%)

Yellow (93%)

Blue (2%)

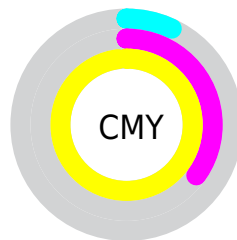


Cyan (0%)

Magenta (30%)

Yellow (98%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color EDA705 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 EDA705 by changing the saturation by 10% instead.

EDA705

EDA705

FFFFFF

CE8D00

FFDE50

AF7300

FFFA6D

915B00

FFFF89

744400

FFFFA6

572D00

FFFFC2

3C1800

FFFFDF

240000

FFFFFD

000000

EDA705

EDA705

EDA500

EDAE1D

EDB534

EDBC4C

EDC464

EDCB7C

EDD293

EDD9AB

EDE0C3

EDE7DA

Harmonies

Analogous

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



FF894A



EDA705



ACBE04

Triad

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



EDA705



00D5E0



EE8CFF

Complementary

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



EDA705



054BED

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.



7AADFF



EDA705



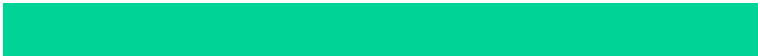
00D1FF

Square

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



EDA705



00D396



00C4FF



FF70D2

Rectangle

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



EDA705



76C838



00C4FF



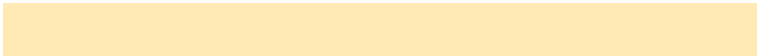
D197FF

Sweetspot

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



EDA705



FFE9B5



ED054E



807253



000000



808080

Same Dimension

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



EDA705



FFB200



C2ED05



75726A



B57E00



362500

Inverse Universe

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



054BED



004DFF



3005ED



6A6D75



0037B5



001036

Previews

White Background



This preview shows how the Hex color EDA705 looks on a white background.

Color Contrast Check

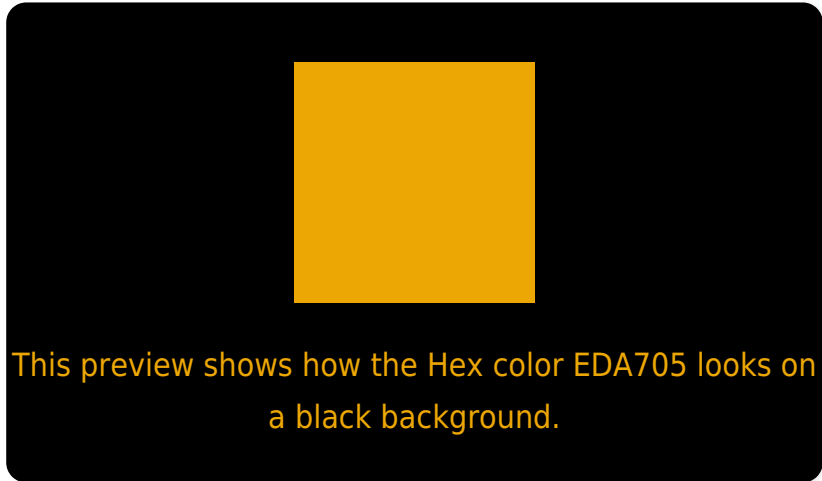
Large Text (above 18pt) WCAG AA × Fail

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 EDA705 Background



This preview shows how black text looks on a background with the Hex color EDA705.



This preview shows how white text looks on a background with the Hex color EDA705.

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
EDA705

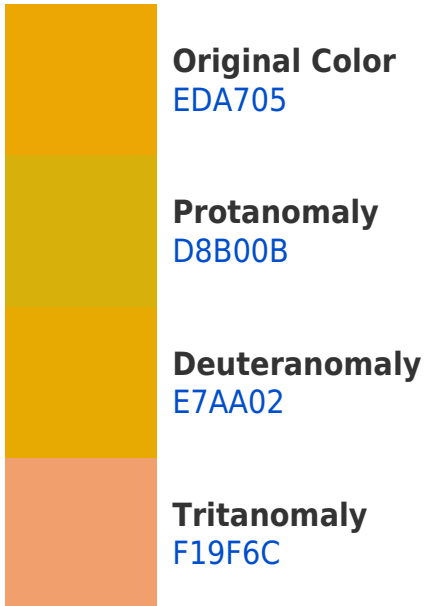
Protanopia
CCB50F

Deuteranopia
E4AB00

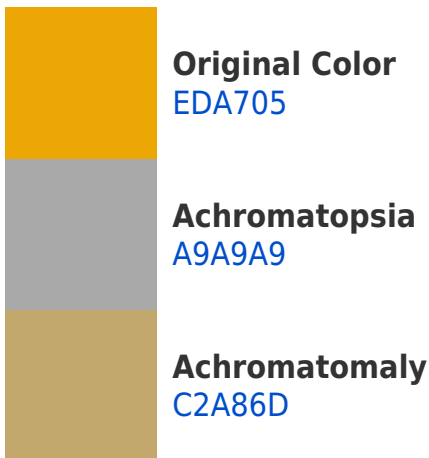


Tritanopia
F49BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EDA705 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 #EDA705 looks like.

```
.text, #text, p{  
    color:#EDA705  
}
```

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 #EDA705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDA705
}
```

Border

The CSS property to change the border of an element to Hex EDA705 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
#EDA705 }
```

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

```
.border{ border-color:#EDA705 }
```

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

Here you see how a box with a 4 pixel #EDA705 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDA705; -webkit-box-shadow:4px 4px  
4px 4px #EDA705; box-shadow:4px 4px 4px  
4px #EDA705 }
```

Background

The CSS property to change the background color of an element to Hex EDA705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDA705 }
```

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

```
.background{ background-color:#EDA705 }
```

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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