

Converting Colors

Hex(E3A305)

Have a look what the booklet for
Hex(E3A305) contains.

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Color

Hex(E3A305)

Conversions

Conversions Part 1

Format	Color
Hex	E3A305
RGB	227, 163, 5
RGB Percent	89%, 64%, 2%
CMY	0.1098, 0.3608, 0.9804
CMYK	0.00, 0.28, 0.98, 0.11
HSL	43°, 96%, 45%
HSV	43°, 98%, 89%
XYZ	44.8031, 42.5362, 5.9925
YIQ	164.1240, 88.8620, -35.5700

Conversions

Conversions Part 2

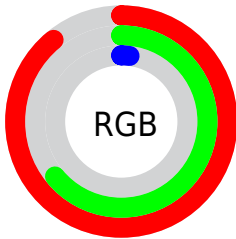
Format	Color
R_{YB}	95, 227, 5
Decimal	14918405
CIE Lab	71.24, 13.10, 74.34
CIE LCh	71, 75.482, 80.007
Yxy	42.5362, 0.4800, 0.4558
Android (android.graphics.Color)	4293108485 (0xFFE3A305)
YUV	164.1240, -78.4481, 55.1423
Hunter-Lab	65.2198, 8.4870, 40.2062

Details

The Hex color **E3A305** 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 **0545E3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFDA4F**, and **A67000** is the 20% darker color. If you saturate the color by 10%, you get **E3A200**, and if you desaturate by 10%, it is **E3AA1C**.

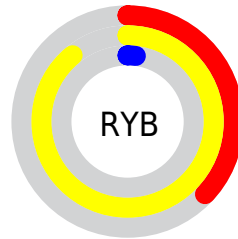
Distribution



Red (89%)

Green (64%)

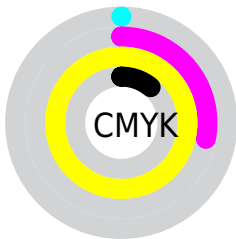
Blue (2%)



Red (37%)

Yellow (89%)

Blue (2%)

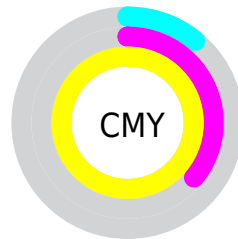


Cyan (0%)

Magenta (28%)

Yellow (98%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3A305 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 E3A305 by changing the saturation by 10% instead.

 E3A305

 E3A305


FFFFFF

 C48900

 FFDA4F

 A67000

 FFF66C

 885700

 FFFF88

 6B4000

 FFFFA4

 4F2A00

 FFFFC1

 341600

 FFFFDE

 1D0000

 FFFFFB

 000000

 E3A305

 E3A305

■ E3A200

■ E3AA1C

■ E3B032

■ E3B749

■ E3BD60

■ E3C477

■ E3CA8D

■ E3D1A4

■ E3D7BB

■ E3DED1

Harmonies

Analogous

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



FF8645



E3A305



A4B90C

Triad

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



E3A305



00CEDC



EA87FF

Complementary

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



E3A305



0545E3

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.



7EA6FF



E3A305



00CAFF

Square

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



E3A305



00CD94



00BDFE



FF6CC8

Rectangle

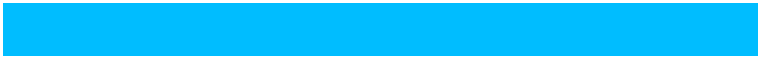
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3A305



6FC33A



00BDFF



CE91FF

Sweetspot

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



E3A305



FFEAB5



E30548



807353



000000



808080

Same Dimension

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



E3A305



FFB500



B7E305



736F67



B37F00



332400

Inverse Universe

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



0545E3



004AFF



3105E3



676B73



0033B3



000F33

Previews

White Background



This preview shows how the Hex color E3A305 looks on a white background.

Color Contrast Check

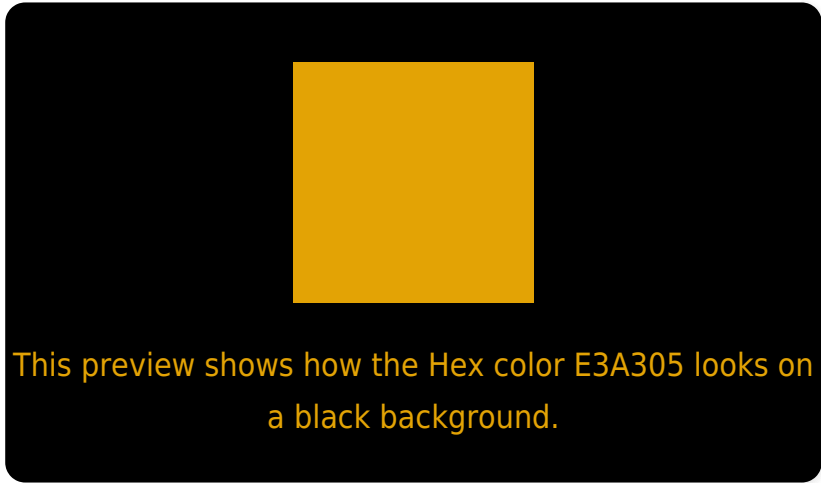
Large Text (above 18pt) WCAG AA × Fail

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 E3A305 Background



This preview shows how black text looks on a background with the Hex color E3A305.



This preview shows how white text looks on a background with the Hex color E3A305.

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](#).

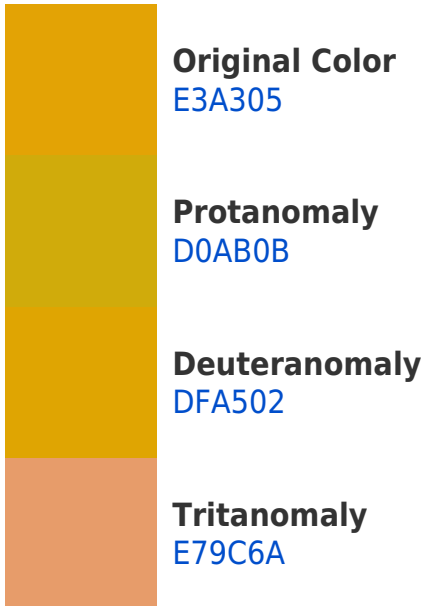
Dichromacy



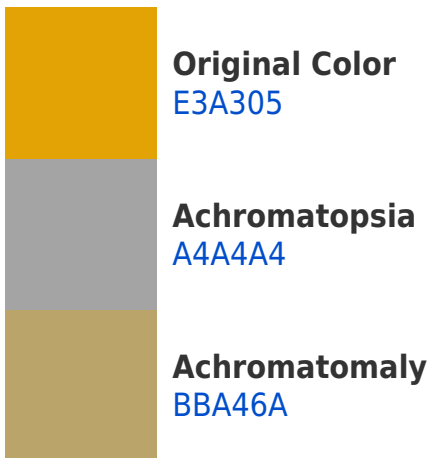


Tritanopia
EA98A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3A305 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 #E3A305 looks like.

```
.text, #text, p{  
    color:#E3A305  
}
```

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 #E3A305 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3A305
}
```

Border

The CSS property to change the border of an element to Hex E3A305 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
#E3A305 }
```

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

```
.border{ border-color:#E3A305 }
```

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

Here you see how a box with a 4 pixel #E3A305 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3A305; -webkit-box-shadow:4px 4px  
4px 4px #E3A305; box-shadow:4px 4px 4px  
4px #E3A305 }
```

Background

The CSS property to change the background color of an element to Hex E3A305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3A305 }
```

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

```
.background{ background-color:#E3A305 }
```

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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