

Converting Colors

Hex(3EAC0B)

Have a look what the booklet for
Hex(3EAC0B) contains.

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Color

Hex(3EAC0B)

Conversions

Conversions Part 1

Format	Color
Hex	3EAC0B
RGB	62, 172, 11
RGB Percent	24%, 67%, 4%
CMY	0.7569, 0.3255, 0.9569
CMYK	0.64, 0.00, 0.94, 0.33
HSL	101°, 88%, 36%
HSV	101°, 94%, 67%
XYZ	16.7995, 30.5533, 5.3286
YIQ	120.7560, -13.8790, -73.3910

Conversions

Conversions Part 2

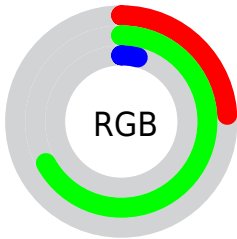
Format	Color
RYB	11, 172, 121
Decimal	4107275
CIELab	62.13, -56.16, 61.55
CIELCh	62, 83.321, 132.379
Yxy	30.5533, 0.3189, 0.5800
Android (android.graphics.Color)	4282297355 (0xFF3EAC0B)
YUV	120.7560, -54.1097, -51.5290
Hunter-Lab	55.2751, -42.4806, 32.9769

Details

The Hex color **3EAC0B** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **790BAC**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **7CE44E**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **36AC00**, and if you desaturate by 10%, it is **4AAC1C**.

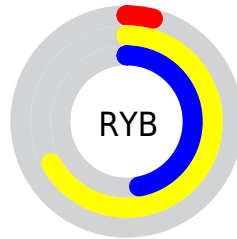
Distribution



Red (24%)

Green (67%)

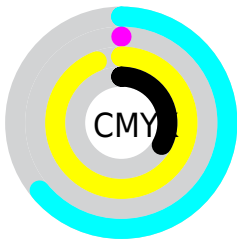
Blue (4%)



Red (4%)

Yellow (67%)

Blue (47%)

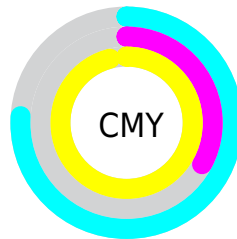


Cyan (64%)

Magenta (0%)

Yellow (94%)

Black (33%)



Cyan (76%)

Magenta (33%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EAC0B 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 3EAC0B by changing the saturation by 10% instead.

 3EAC0B

 3EAC0B

FFFFFF

 149100

 7CE44E

 007600

 99FF6A

 005D00

 B7FF86

 004400

 D5FFA2

 002D00

 F3FFBE

 000E00

 FFFFDB

 000000

 FFFFF8

 3EAC0B

 3EAC0B

■ 36AC00

■ 4AAC1C

■ 56AC2D

■ 61AC3F

■ 6DAC50

■ 79AC61

■ 85AC72

■ 90AC83

■ 9CAC95

■ A8ACA6

Harmonies

Analogous

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



999D00



3EAC0B



00B466

Triad

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



3EAC0B



00ABFF



FF3B7B

Complementary

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



3EAC0B



790BAC

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.



FF48C5



3EAC0B



0095FF

Square

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



3EAC0B



00B4F9



BE72FF



FF5D34

Rectangle

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



3EAC0B



00B69A



BE72FF



FF3894

Sweetspot

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



3EAC0B



B5E0A2



AC760B



56704A



F0F0F0



707070

Same Dimension

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



3EAC0B



47E000



0BAC26



51574E



309600



071700

Inverse Universe

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



790BAC



9900E0



AC0B91



544E57



670096



100017

Previews

White Background



This preview shows how the Hex color 3EAC0B looks on a white background.

Color Contrast Check

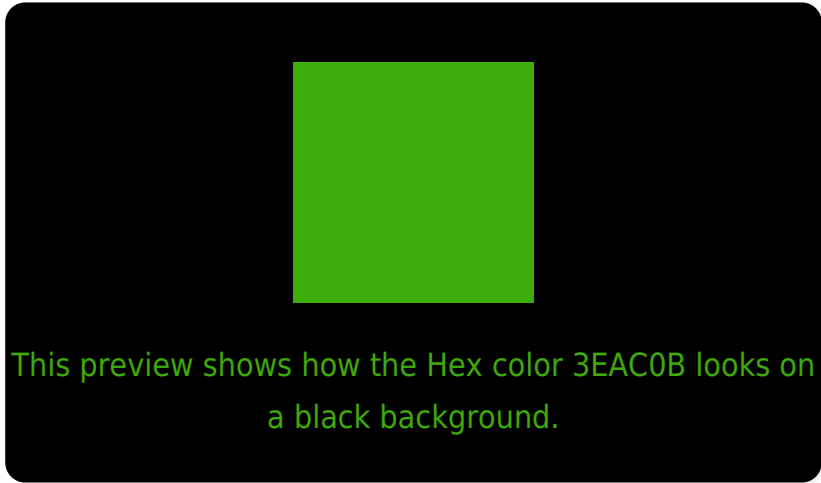
Large Text (above 18pt) WCAG AA × Fail

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 3EAC0B Background



This preview shows how black text looks on a background with the Hex color 3EAC0B.

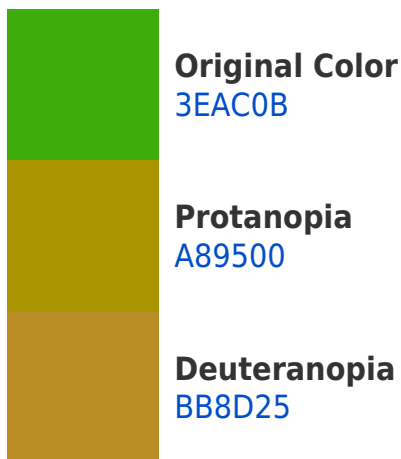


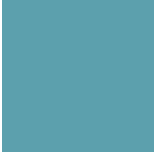
This preview shows how white text looks on a background with the Hex color 3EAC0B.

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





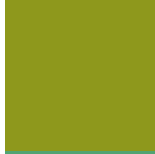
Trichromacy



Original Color
3EAC0B



Protanomaly
819D04



Deuteranomaly
8E981C



Tritanomaly
51A472

Monochromacy



Original Color
3EAC0B



Achromatopsia
797979



Achromatomaly
648C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EAC0B 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 #3EAC0B looks like.

```
.text, #text, p{  
    color:#3EAC0B  
}
```

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 #3EAC0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EAC0B
}
```

Border

The CSS property to change the border of an element to Hex 3EAC0B 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
#3EAC0B }
```

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

```
.border{ border-color:#3EAC0B }
```

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

Here you see how a box with a 4 pixel #3EAC0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EAC0B; -webkit-box-shadow:4px 4px  
4px 4px #3EAC0B; box-shadow:4px 4px 4px  
4px #3EAC0B }
```

Background

The CSS property to change the background color of an element to Hex 3EAC0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EAC0B }
```

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

```
.background{ background-color:#3EAC0B }
```

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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