

# Converting Colors

Hex(3EDA00)

Have a look what the booklet for  
Hex(3EDA00) contains.

<b>Hex(3EDA00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3EDA00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EDA00
RGB	62, 218, 0
RGB Percent	24%, 85%, 0%
CMY	0.7569, 0.1451, 1.0000
CMYK	0.72, 0.00, 1.00, 0.15
HSL	103°, 100%, 43%
HSV	103°, 100%, 85%
XYZ	27.0580, 51.1669, 8.4501
YIQ	146.5040, -22.9980, -100.8700

# Conversions

## Conversions Part 2

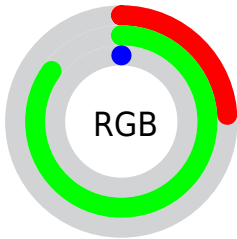
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 218, 156
Decimal	4119040
CIELab	76.78, -70.99, 74.66
CIELCh	77, 103.023, 133.560
Yxy	51.1669, 0.3122, 0.5903
Android (android.graphics.Color)	4282309120 (0xFF3EDA00)
YUV	146.5040, -72.2265, -74.1100
Hunter-Lab	71.5311, -57.6583, 43.0677

# Details

The Hex color **3EDA00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9C00DA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85FF55**, and **00A100** is the 20% darker color. If you saturate the color by 10%, you get **3EDA00**, and if you desaturate by 10%, it is **4EDA16**.

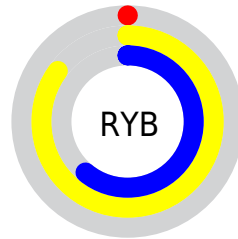
# Distribution



Red (24%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (61%)

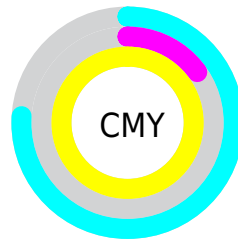


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (76%)

Magenta (15%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EDA00 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 3EDA00 by changing the saturation by 10% instead.



 3EDA00

 3EDA00

FFFFFF

 00BD00

 85FF55

 00A100

 A4FF72

 008600

 C4FF8F

 006B00

 E3FFAC

 005200

 FFFFCA

 003A00

 FFFF7E

 002000

 000000

 3EDA00

 4EDA16

 5DDA2C

 6DDA41

 7CDA57

 8CDA6D

 9CDA83

 ABDA99

 BBDAAE

 CADAC4

# Harmonies

## Analogous

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



BDC700



3EDA00



00E384

# Triad

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



3EDA00



00D7FF



FF4197

# Complementary

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



3EDA00



9C00DA

# 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.



FF52F6



3EDA00



00BBFF

# Square

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



3EDA00



00E4FF



F58CFF



FF753A

# Rectangle

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



3EDA00



00E6C7



F58CFF



FF3BB6

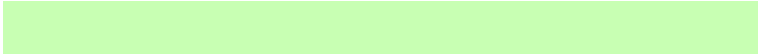


# Sweetspot

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



3EDA00



C8FFB3



DA9900



5F8052



000000



808080



# Same Dimension

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



3EDA00



49FF00



00DA2C



666E63



31AD00



0D2E00



# Inverse Universe

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



9C00DA



B600FF



DA00AE



6B636E



7C00AD

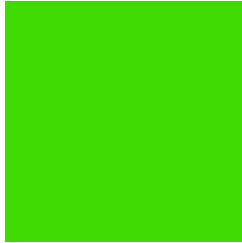


21002E



# Previews

## White Background



This preview shows how the Hex color 3EDA00 looks on a white background.

## Color Contrast Check

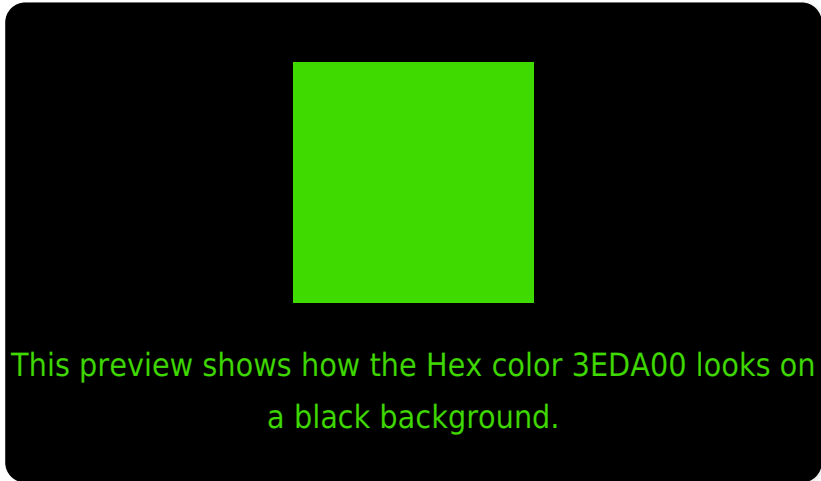
Large Text (above 18pt) WCAG AA × Fail

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

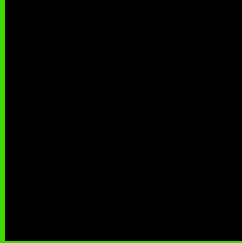
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EDA00 Background



This preview shows how black text looks on a background with the Hex color 3EDA00.

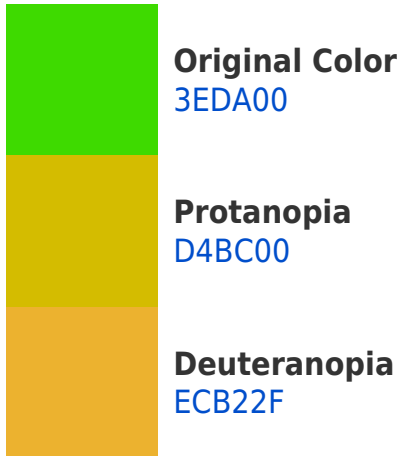


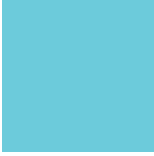
This preview shows how white text looks on a background with the Hex color 3EDA00.

# 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](#).

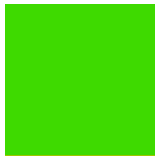
## Dichromacy





**Tritanopia**  
6CCBDB

# Trichromacy



**Original Color**  
3EDA00



**Protanomaly**  
9DC700



**Deuteranomaly**  
ADC11E



**Tritanomaly**  
5BD08B

# Monochromacy



**Original Color**  
3EDA00



**Achromatopsia**  
939393



**Achromatomaly**  
74AD5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EDA00 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 #3EDA00 looks like.

```
.text, #text, p{  
    color:#3EDA00  
}
```

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 #3EDA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EDA00
}
```

## Border

The CSS property to change the border of an element to Hex 3EDA00 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
#3EDA00 }
```

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

```
.border{ border-color:#3EDA00 }
```

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

Here you see how a box with a 4 pixel #3EDA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EDA00; -webkit-box-shadow:4px 4px  
4px 4px #3EDA00; box-shadow:4px 4px 4px  
4px #3EDA00 }
```

# Background

The CSS property to change the background color of an element to Hex 3EDA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EDA00 }
```

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

```
.background{ background-color:#3EDA00 }
```

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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