

Converting Colors

Hex(3EA900)

Have a look what the booklet for
Hex(3EA900) contains.

Hex(3EA900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3EA900)

Conversions

Conversions Part 1

Format	Color
Hex	3EA900
RGB	62, 169, 0
RGB Percent	24%, 66%, 0%
CMY	0.7569, 0.3373, 1.0000
CMYK	0.63, 0.00, 1.00, 0.34
HSL	98°, 100%, 33%
HSV	98°, 100%, 66%
XYZ	16.1746, 29.4001, 4.8223
YIQ	117.7410, -9.5230, -75.2430

Conversions

Conversions Part 2

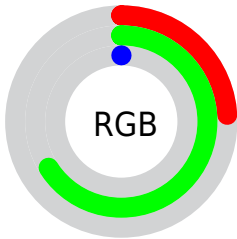
Format	Color
RYB	0, 169, 107
Decimal	4106496
CIELab	61.13, -55.39, 62.23
CIELCh	61, 83.310, 131.675
Yxy	29.4001, 0.3209, 0.5834
Android (android.graphics.Color)	4282296576 (0xFF3EA900)
YUV	117.7410, -58.0463, -48.8849
Hunter-Lab	54.2218, -41.6410, 32.6822

Details

The Hex color **3EA900** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6B00A9**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7BE14A**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **3EA900**, and if you desaturate by 10%, it is **49A911**.

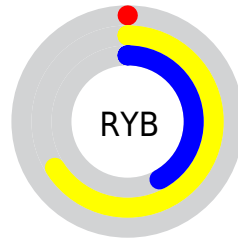
Distribution



Red (24%)

Green (66%)

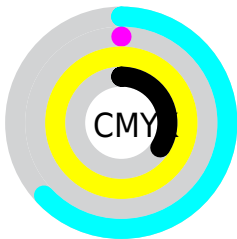
Blue (0%)



Red (0%)

Yellow (66%)

Blue (42%)

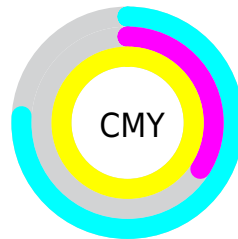


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (76%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EA900 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 3EA900 by changing the saturation by 10% instead.

 3EA900

 3EA900

FFFFFF

 158E00

 7BE14A

 007400

 99FE66

 005A00

 B6FF81

 004100

 D4FF9D

 002B00

 F2FFBA

 000800

 FFFFD6

 000000

 FFFFF4

 3EA900

 49A911

 53A922

 5EA933

 69A944

 73A954

 7EA965

 89A976

 94A987

 9EA998

Harmonies

Analogous

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



989900



3EA900



00B162

Triad

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



3EA900



00A8FF



FF367A

Complementary

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



3EA900



6B00A9

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.



FE46C4



3EA900



0093FF

Square

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



3EA900



00B2F5



B871FF



FF5A33

Rectangle

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



3EA900



00B396



B871FF



FF3493

Sweetspot

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



3EA900



B2DB9A



A96800



556E46



EDEDED



6E6E6E

Same Dimension

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



3EA900



50DB00



00A914



4F544C



369400



071400

Inverse Universe

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



6B00A9



8B00DB



A90095



514C54



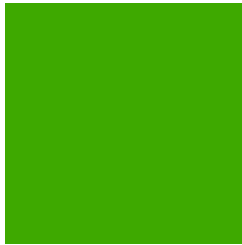
5E0094



0D0014

Previews

White Background



This preview shows how the Hex color 3EA900 looks on a white background.

Color Contrast Check

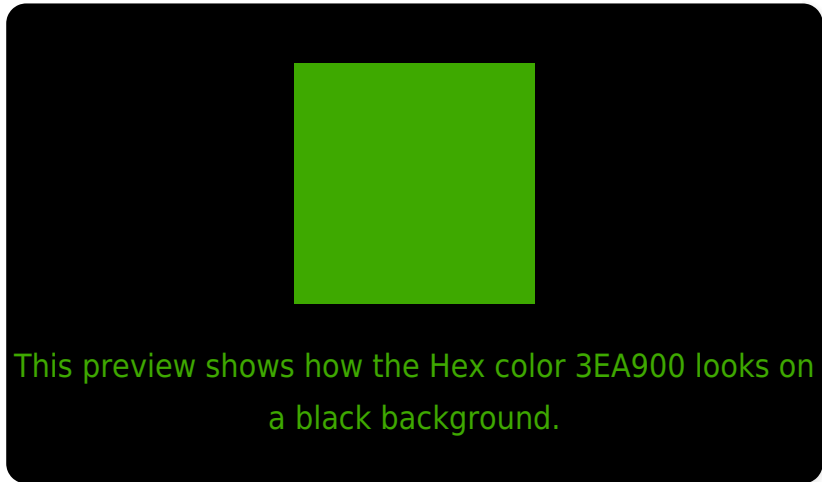
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 3EA900 Background



This preview shows how black text looks on a background with the Hex color 3EA900.



This preview shows how white text looks on a background with the Hex color 3EA900.

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
3EA900

Protanopia
A59300

Deuteranopia
B88B24



Tritanopia
5B9DAA

Trichromacy



Original Color
3EA900



Protanomaly
809B00



Deuteranomaly
8C9617



Tritanomaly
50A16C

Monochromacy



Original Color
3EA900



Achromatopsia
767676



Achromatomaly
62894B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EA900 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 #3EA900 looks like.

```
.text, #text, p{  
    color:#3EA900  
}
```

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 #3EA900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA900
}
```

Border

The CSS property to change the border of an element to Hex 3EA900 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
#3EA900 }
```

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

```
.border{ border-color:#3EA900 }
```

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

Here you see how a box with a 4 pixel #3EA900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA900; -webkit-box-shadow:4px 4px  
4px 4px #3EA900; box-shadow:4px 4px 4px  
4px #3EA900 }
```

Background

The CSS property to change the background color of an element to Hex 3EA900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA900 }
```

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

```
.background{ background-color:#3EA900 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor