

Converting Colors

Hex(35AD0A)

Have a look what the booklet for
Hex(35AD0A) contains.

Hex(35AD0A)	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(35AD0A)

Conversions

Conversions Part 1

Format	Color
Hex	35AD0A
RGB	53, 173, 10
RGB Percent	21%, 68%, 4%
CMY	0.7922, 0.3216, 0.9608
CMYK	0.69, 0.00, 0.94, 0.32
HSL	104°, 89%, 36%
HSV	104°, 94%, 68%
XYZ	16.4666, 30.6659, 5.3384
YIQ	118.5380, -19.1970, -76.1330

Conversions

Conversions Part 2

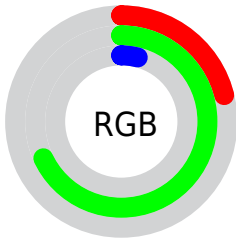
Format	Color
RYB	10, 173, 130
Decimal	3517706
CIELab	62.22, -58.44, 61.67
CIELCh	62, 84.961, 133.460
Yxy	30.6659, 0.3138, 0.5844
Android (android.graphics.Color)	4281707786 (0xFF35AD0A)
YUV	118.5380, -53.5092, -57.4768
Hunter-Lab	55.3768, -43.8317, 33.0481

Details

The Hex color **35AD0A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **820AAD**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **76E64E**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **2EAD00**, and if you desaturate by 10%, it is **42AD1B**.

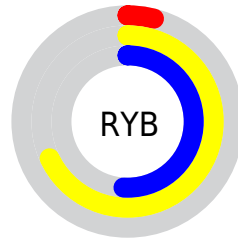
Distribution



Red (21%)

Green (68%)

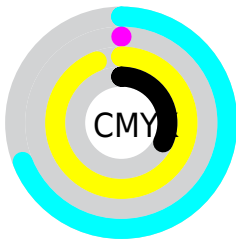
Blue (4%)



Red (4%)

Yellow (68%)

Blue (51%)

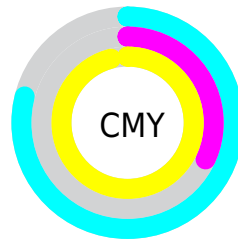


Cyan (69%)

Magenta (0%)

Yellow (94%)

Black (32%)



Cyan (79%)

Magenta (32%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35AD0A 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 35AD0A by changing the saturation by 10% instead.

 35AD0A

 35AD0A

FFFFFF

 009200

 76E64E

 007700

 93FF6A

 005D00

 B1FF85

 004400

 CFFFA1

 002E00

 EDFFBE

 000F00

 FFFFDB

 000000

 FFFFF8

 35AD0A

 35AD0A

■ 2EAD00

■ 42AD1B

■ 4EAD2D

■ 5BAD3E

■ 68AD4F

■ 75AD60

■ 81AD72

■ 8EAD83

■ 9BAD94

■ A8ADA6

Harmonies

Analogous

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



969E00



35AD0A



00B568

Triad

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



35AD0A



00ABFF



FF3778

Complementary

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



35AD0A



820AAD

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.



FF44C3



35AD0A



0094FF

Square

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



35AD0A



00B5FD



C270FF



FF5D2F

Rectangle

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



35AD0A



00B79D



C270FF



FF3491

Sweetspot

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



35AD0A



B2E0A2



AD820A



54704A



F0F0F0



707070

Same Dimension

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



35AD0A



3BE000



0AAD30



50574E



289600



061700

Inverse Universe

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



820AAD



A500E0



AD0A87



544E57



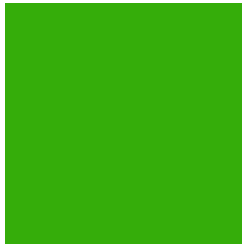
6F0096



110017

Previews

White Background



This preview shows how the Hex color 35AD0A looks on a white background.

Color Contrast Check

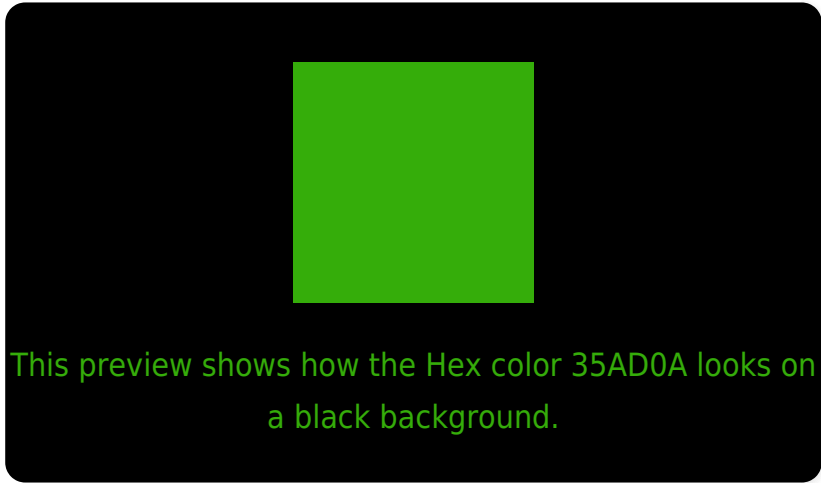
Large Text (above 18pt) WCAG AA × Fail

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

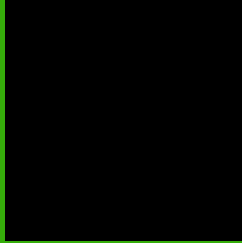
Any Text WCAG AA ✓ Pass

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 35AD0A Background



This preview shows how black text looks on a background with the Hex color 35AD0A.

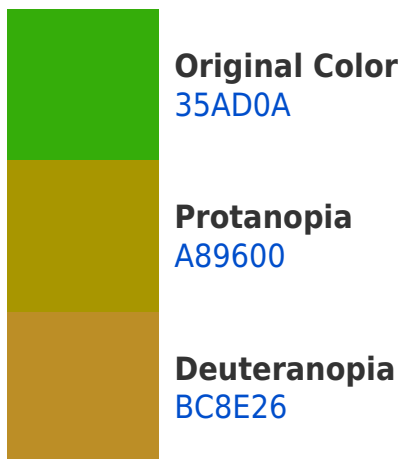


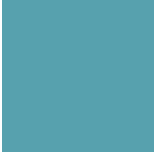
This preview shows how white text looks on a background with the Hex color 35AD0A.

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
57A1AE

Trichromacy



Original Color
35AD0A



Protanomaly
7E9E04



Deuteranomaly
8B991C



Tritanomaly
4BA572

Monochromacy



Original Color
35AD0A



Achromatopsia
777777



Achromatomaly
5F8B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 35AD0A 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 #35AD0A looks like.

```
.text, #text, p{  
    color:#35AD0A  
}
```

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 #35AD0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AD0A
}
```

Border

The CSS property to change the border of an element to Hex 35AD0A 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
#35AD0A }
```

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

```
.border{ border-color:#35AD0A }
```

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

Here you see how a box with a 4 pixel #35AD0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AD0A; -webkit-box-shadow:4px 4px  
4px 4px #35AD0A; box-shadow:4px 4px 4px  
4px #35AD0A }
```

Background

The CSS property to change the background color of an element to Hex 35AD0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AD0A }
```

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

```
.background{ background-color:#35AD0A }
```

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