

Converting Colors

Hex(35A81A)

Have a look what the booklet for
Hex(35A81A) contains.

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Color

Hex(35A81A)

Conversions

Conversions Part 1

Format	Color
Hex	35A81A
RGB	53, 168, 26
RGB Percent	21%, 66%, 10%
CMY	0.7922, 0.3412, 0.8980
CMYK	0.68, 0.00, 0.85, 0.34
HSL	109°, 73%, 38%
HSV	109°, 85%, 66%
XYZ	15.6573, 28.8367, 5.7181
YIQ	117.4270, -22.9580, -68.5420

Conversions

Conversions Part 2

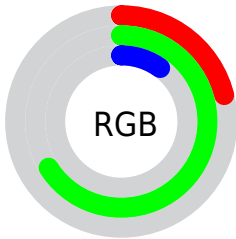
Format	Color
RYB	26, 168, 141
Decimal	3516442
CIELab	60.64, -56.24, 57.24
CIELCh	61, 80.244, 134.497
Yxy	28.8367, 0.3118, 0.5743
Android (android.graphics.Color)	4281706522 (0xFF35A81A)
YUV	117.4270, -45.0735, -56.5025
Hunter-Lab	53.6998, -41.9294, 31.2765

Details

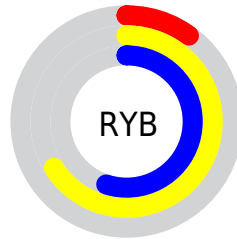
The Hex color **35A81A** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8D1AA8**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **74E055**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **27A809**, and if you desaturate by 10%, it is **43A82B**.

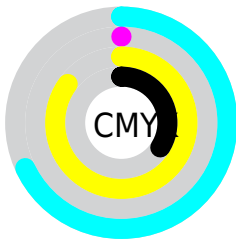
Distribution



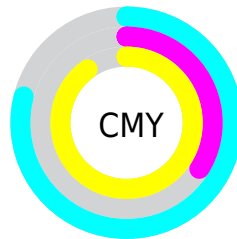
- Red (21%)
- Green (66%)
- Blue (10%)



- Red (10%)
- Yellow (66%)
- Blue (55%)



- Cyan (68%)
- Magenta (0%)
- Yellow (85%)
- Black (34%)



- Cyan (79%)
- Magenta (34%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A81A 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 35A81A by changing the saturation by 10% instead.

 35A81A

 35A81A

FFFFFF

 008D00

 74E055

 007200

 92FD70

 005900

 AFFF8B

 004000

 CDFFA7

 002A00

 EBFFC3

 000400

 FFFFEO

 000000

 FFFFFD

 35A81A

 35A81A

 27A809

 43A82B

 20A800

 50A83C

 5EA84C

 6BA85D

 79A86E

 87A87F

 94A890

 A2A8A0

 AFA8B1

Harmonies

Analogous

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



919A00



35A81A



00AF6A

Triad

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



35A81A



00A5FF



FF3E73

Complementary

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



35A81A



8D1AA8

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.



FD47BA



35A81A



008FFF

Square

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



35A81A



00AFF5



BF6DF8



FB5F2F

Rectangle

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



35A81A



00B19B



BF6DF8



FF3B8B

Sweetspot

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



35A81A



AFDBA4



A88C1A



536E4D



EDEDED



6E6E6E

Same Dimension

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



35A81A



2ADB00



1AA845



4D544C



1C9400



041400

Inverse Universe

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



8D1AA8



B200DB



A81A7D



534C54



780094



110014

Previews

White Background



This preview shows how the Hex color 35A81A looks on a white background.

Color Contrast Check

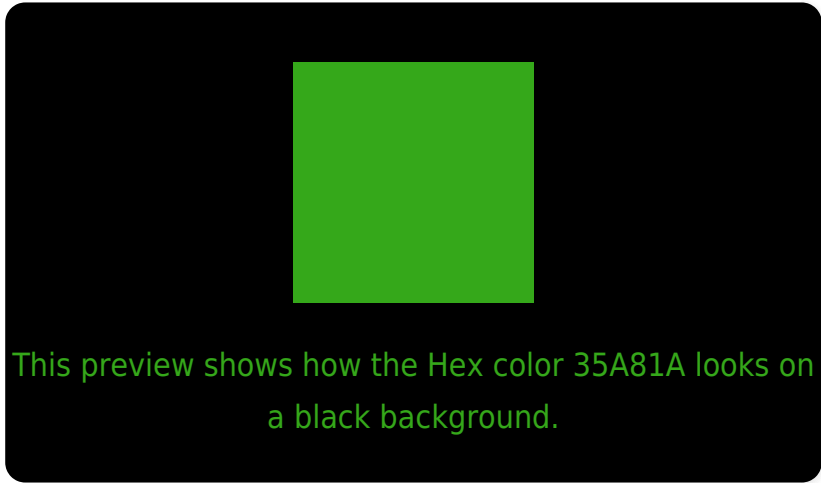
Large Text (above 18pt) WCAG AA ✓ Pass

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

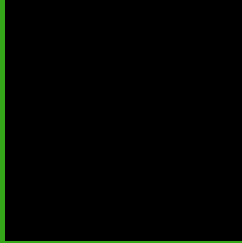
Any Text WCAG AA ✓ Pass

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 35A81A Background



This preview shows how black text looks on a background with the Hex color 35A81A.



This preview shows how white text looks on a background with the Hex color 35A81A.

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
35A81A

Protanopia
A49213

Deuteranopia
B68A2B



Tritanopia
559CA9

Trichromacy



Original Color
35A81A



Protanomaly
7C9A16



Deuteranomaly
879525



Tritanomaly
49A075

Monochromacy



Original Color
35A81A



Achromatopsia
757575



Achromatomaly
5E8854

CSS Examples

Text

The CSS property to change the color of the text to Hex 35A81A 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 #35A81A looks like.

```
.text, #text, p{  
    color:#35A81A  
}
```

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 #35A81A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A81A
}
```

Border

The CSS property to change the border of an element to Hex 35A81A 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
#35A81A }
```

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

```
.border{ border-color:#35A81A }
```

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

Here you see how a box with a 4 pixel #35A81A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A81A; -webkit-box-shadow:4px 4px  
4px 4px #35A81A; box-shadow:4px 4px 4px  
4px #35A81A }
```

Background

The CSS property to change the background color of an element to Hex 35A81A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A81A }
```

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

```
.background{ background-color:#35A81A }
```

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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