

Converting Colors

Hex(A3D51E)

Have a look what the booklet for
Hex(A3D51E) contains.

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Color

Hex(A3D51E)

Conversions

Conversions Part 1

Format	Color
Hex	A3D51E
RGB	163, 213, 30
RGB Percent	64%, 84%, 12%
CMY	0.3608, 0.1647, 0.8824
CMYK	0.23, 0.00, 0.86, 0.16
HSL	76°, 75%, 48%
HSV	76°, 86%, 84%
XYZ	39.1329, 55.4688, 9.8723
YIQ	177.1880, 28.9430, -67.5130

Conversions

Conversions Part 2

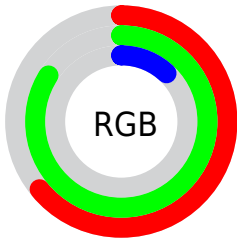
Format	Color
RYB	30, 213, 80
Decimal	10736926
CIELab	79.31, -38.85, 74.48
CIElCh	79, 84.004, 117.550
Yxy	55.4688, 0.3746, 0.5309
Android (android.graphics.Color)	4288927006 (0xFFA3D51E)
YUV	177.1880, -72.5637, -12.4429
Hunter-Lab	74.4774, -36.5456, 44.2750

Details

The Hex color **A3D51E** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **501ED5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **DEFF60**, and **6A9E00** is the 20% darker color. If you saturate the color by 10%, you get **9DD509**, and if you desaturate by 10%, it is **A9D533**.

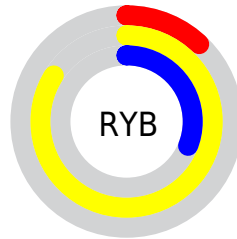
Distribution



Red (64%)

Green (84%)

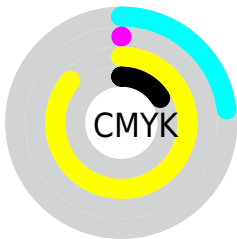
Blue (12%)



Red (12%)

Yellow (84%)

Blue (31%)

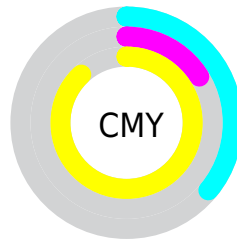


Cyan (23%)

Magenta (0%)

Yellow (86%)

Black (16%)



Cyan (36%)

Magenta (16%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3D51E 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 A3D51E by changing the saturation by 10% instead.

 A3D51E

 A3D51E

FFFFFF

 86B900

 DEFF60

 6A9E00

 FCFF7D

 4D8400

 FFFF99

 306A00

 FFFFB6

 095200

 FFFFD4

 003A00

 FFFFF1

 002600

 000000

 A3D51E

 A3D51E

 9DD509

 A9D533

 9BD500

 AFD549

 B4D55E

 BAD573

 C0D589

 C6D59E

 CCD5B3

 D2D5C8

 D7D5DE

Harmonies

Analogous

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



EFBF00



A3D51E



00E26B

Triad

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



A3D51E



00E1FF



FF74CE

Complementary

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



A3D51E



501ED5

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.



FF8EFF



A3D51E



00D0FF

Square

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



A3D51E



00E8FF



B5B2FF



FF7E81

Rectangle

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



A3D51E



00E7A0



B5B2FF



FF79E9

Sweetspot

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



A3D51E



EDFFBD



D54F1E



758058



000000



808080

Same Dimension

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



A3D51E



B9FF00



49D51E



686B60



7CAB00



202B00

Inverse Universe

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



501ED5



4600FF



AA1ED5



63606B



2F00AB



0C002B

Previews

White Background



This preview shows how the Hex color A3D51E looks on a white background.

Color Contrast Check

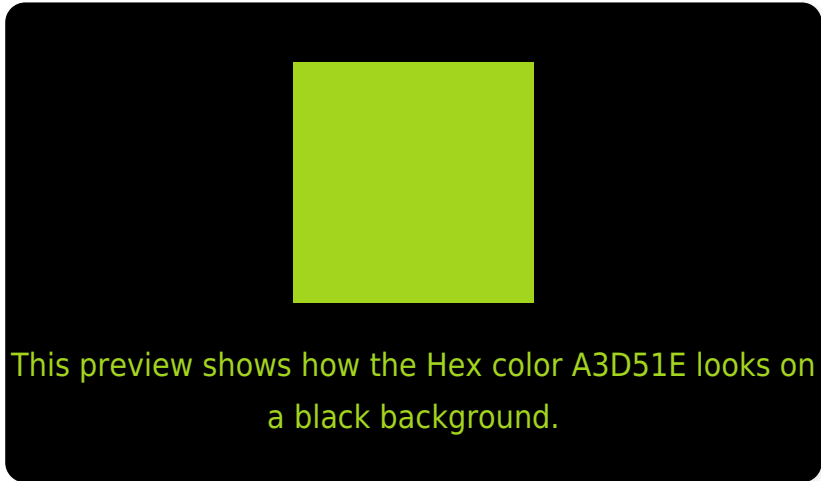
Large Text (above 18pt) WCAG AA × Fail

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 A3D51E Background



This preview shows how black text looks on a background with the Hex color A3D51E.



This preview shows how white text looks on a background with the Hex color A3D51E.

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
A3D51E

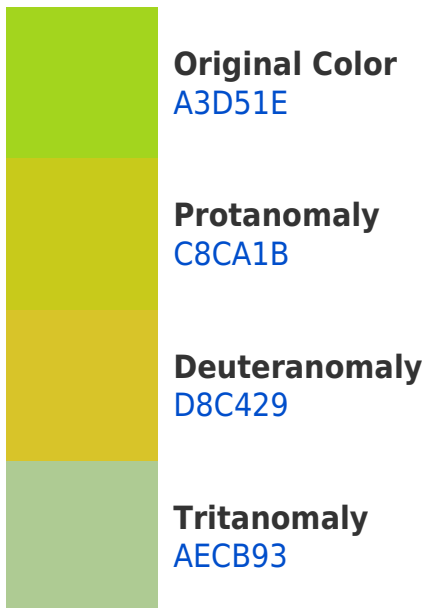
Protanopia
DDC419

Deuteranopia
F6BA30



Tritanopia
B5C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3D51E 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 #A3D51E looks like.

```
.text, #text, p{  
    color:#A3D51E  
}
```

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 #A3D51E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3D51E
}
```

Border

The CSS property to change the border of an element to Hex A3D51E 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
#A3D51E }
```

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

```
.border{ border-color:#A3D51E }
```

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

Here you see how a box with a 4 pixel #A3D51E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3D51E; -webkit-box-shadow:4px 4px  
4px 4px #A3D51E; box-shadow:4px 4px 4px  
4px #A3D51E }
```

Background

The CSS property to change the background color of an element to Hex A3D51E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3D51E }
```

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

```
.background{ background-color:#A3D51E }
```

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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