

Converting Colors

Hex(A4CD35)

Have a look what the booklet for
Hex(A4CD35) contains.

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Color

Hex(A4CD35)

Conversions

Conversions Part 1

Format	Color
Hex	A4CD35
RGB	164, 205, 53
RGB Percent	64%, 80%, 21%
CMY	0.3569, 0.1961, 0.7922
CMYK	0.20, 0.00, 0.74, 0.20
HSL	76°, 60%, 51%
HSV	76°, 74%, 80%
XYZ	37.7838, 51.8122, 11.3775
YIQ	175.4130, 24.3560, -55.9640

Conversions

Conversions Part 2

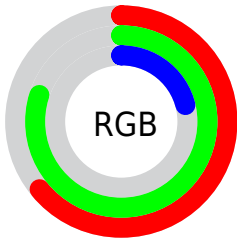
Format	Color
RYB	53, 205, 94
Decimal	10800437
CIELab	77.17, -33.95, 66.43
CIELCh	77, 74.604, 117.066
Yxy	51.8122, 0.3742, 0.5131
Android (android.graphics.Color)	4288990517 (0xFFA4CD35)
YUV	175.4130, -60.3496, -10.0092
Hunter-Lab	71.9807, -32.2688, 41.0149

Details

The Hex color **A4CD35** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **5E35CD**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **DEFF6E**, and **6C9700** is the 20% darker color. If you saturate the color by 10%, you get **9ECD21**, and if you desaturate by 10%, it is **AACD4A**.

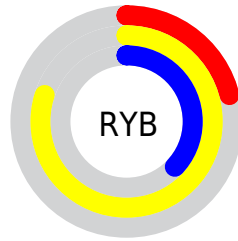
Distribution



Red (64%)

Green (80%)

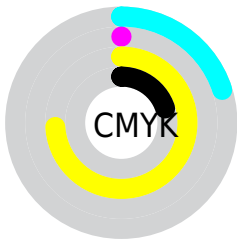
Blue (21%)



Red (21%)

Yellow (80%)

Blue (37%)

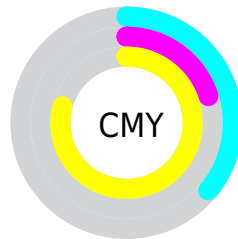


Cyan (20%)

Magenta (0%)

Yellow (74%)

Black (20%)



Cyan (36%)

Magenta (20%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4CD35 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 A4CD35 by changing the saturation by 10% instead.



A4CD35



A4CD35

FFFFFF



88B10F



DEFF6E



6C9700



FCFF8A



507D00



FFFFA6



356300



FFFFC3



154B00



FFFFE0



003400

FFFFFFE



002100



000000



A4CD35



A4CD35

 9ECD21

 AACD4A

 99CD0C

 AFCD5E

 96CD00

 B5CD73

 BACD87

 C0CD9C

 C5CDB0

 CBCDC5

 D0CDD9

 D6CDEE

Harmonies

Analogous

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



E7B920



A4CD35



3CD96F

Triad

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



A4CD35



00D8FF



FF7CC8

Complementary

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



A4CD35



5E35CD

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.



FF90FF



A4CD35



00C9FF

Square

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



A4CD35



00DFFC



B2AFFF



FF8384

Rectangle

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



A4CD35



00DD9D



B2AFFF



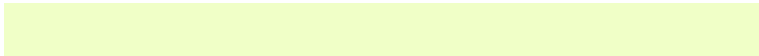
FF80E0

Sweetspot

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



A4CD35



F0FC7



CD5E35



77805E



000000



808080

Same Dimension

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



A4CD35



C2FF1C



58CD35



63665C



79A600



1C2600

Inverse Universe

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



5E35CD



591CFF



AA35CD



5F5C66



2D00A6



0A0026

Previews

White Background



This preview shows how the Hex color A4CD35 looks on a white background.

Color Contrast Check

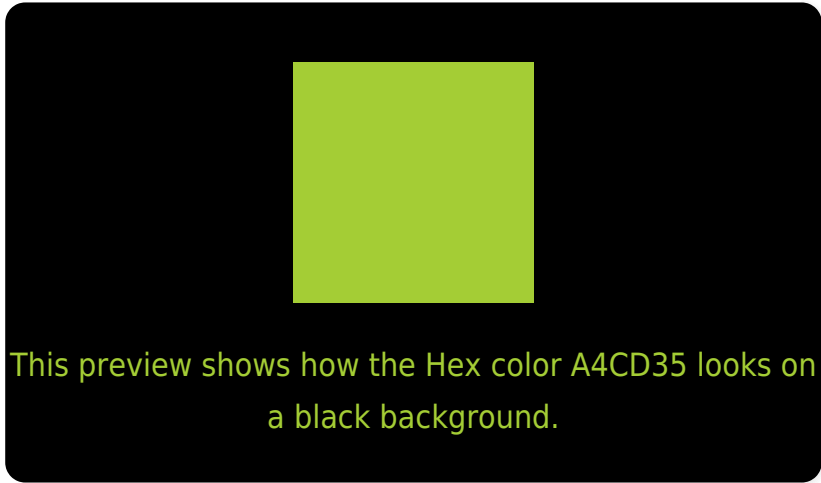
Large Text (above 18pt) WCAG AA × Fail

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 A4CD35 Background



This preview shows how black text looks on a background with the Hex color A4CD35.

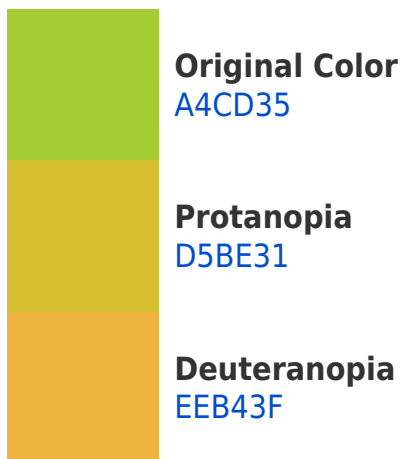


This preview shows how white text looks on a background with the Hex color A4CD35.

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](#).

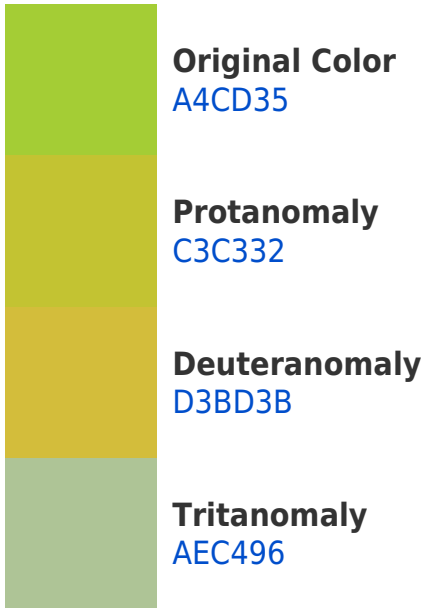
Dichromacy



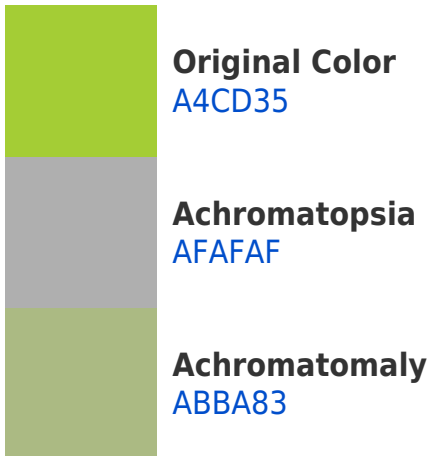


Tritanopia
B4BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A4CD35 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 #A4CD35 looks like.

```
.text, #text, p{  
    color:#A4CD35  
}
```

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 #A4CD35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4CD35
}
```

Border

The CSS property to change the border of an element to Hex A4CD35 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
#A4CD35 }
```

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

```
.border{ border-color:#A4CD35 }
```

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

Here you see how a box with a 4 pixel #A4CD35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4CD35; -webkit-box-shadow:4px 4px  
4px 4px #A4CD35; box-shadow:4px 4px 4px  
4px #A4CD35 }
```

Background

The CSS property to change the background color of an element to Hex A4CD35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4CD35 }
```

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

```
.background{ background-color:#A4CD35 }
```

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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