

Converting Colors

Hex(A5DB02)

Have a look what the booklet for
Hex(A5DB02) contains.

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Color

Hex(A5DB02)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A5DB02 |
| RGB | 165, 219, 2 |
| RGB Percent | 65%, 86%, 1% |
| CMY | 0.3529, 0.1412, 0.9922 |
| CMYK | 0.25, 0.00, 0.99, 0.14 |
| HSL | 75°, 98%, 43% |
| HSV | 75°, 99%, 86% |
| XYZ | 40.8595, 58.6668, 9.2277 |
| YIQ | 178.1160, 37.4730, -78.9350 |

Conversions

Conversions Part 2

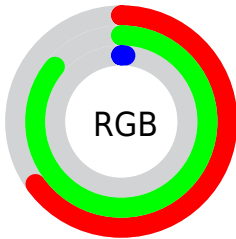
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 2, 219, 56 |
| Decimal | 10869506 |
| CIE Lab | 81.11, -41.21, 79.58 |
| CIE LCh | 81, 89.615, 117.378 |
| Yxy | 58.6668, 0.3757, 0.5394 |
| Android (android.graphics.Color) | 4289059586 (0xFFA5DB02) |
| YUV | 178.1160, -86.8252, -11.5027 |
| Hunter-Lab | 76.5942, -38.8183, 46.4730 |

Details

The Hex color **A5DB02** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **3802DB**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E0FF57**, and **6BA400** is the 20% darker color. If you saturate the color by 10%, you get **A5DB00**, and if you desaturate by 10%, it is **AADB18**.

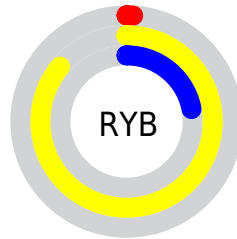
Distribution



Red (65%)

Green (86%)

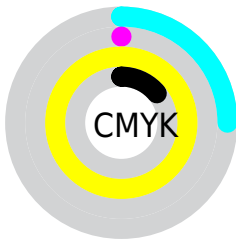
Blue (1%)



Red (1%)

Yellow (86%)

Blue (22%)

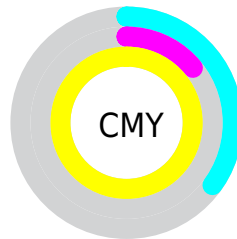


Cyan (25%)

Magenta (0%)

Yellow (99%)

Black (14%)



Cyan (35%)

Magenta (14%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5DB02 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 A5DB02 by changing the saturation by 10% instead.

 A5DB02

 A5DB02

FFFFFF

 88BF00

 E0FF57

 6BA400

 FFFF75

 4E8900

 FFFF92

 2F6F00

 FFFFAF

 055700

 FFFFCD

 003F00

 FFFFEB

 002900

 000800

 000000

 A5DB02

 A5DB02

 A5DB00

 AADB18

 B0DB2E

 B5DB44

 BBDB5A

 C0DB6F

 C6DB85

 CBDB9B

 D1DBB1

 D6DBC7

Harmonies

Analogous

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



F7C300



A5DB02



00E969

Triad

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



A5DB02



00E8FF



FF70D5

Complementary

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



A5DB02



3802DB

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



A5DB02



00D6FF

Square

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



A5DB02



00EFFF



B6B6FF



FF7C82

Rectangle

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



A5DB02



00EEA2



B6B6FF



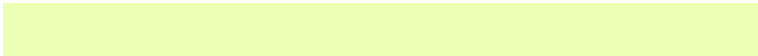
FF77F1

Sweetspot

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



A5DB02



ECFFB3



DB3502



748052



000000



808080

Same Dimension

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



A5DB02



C0FF00



3CDB02



6B6E63



82AD00



222E00

Inverse Universe

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



3802DB



3F00FF



A102DB



65636E



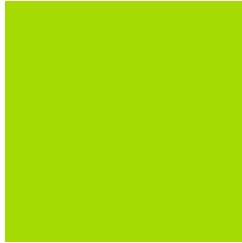
2B00AD



0B002E

Previews

White Background



This preview shows how the Hex color A5DB02 looks on a white background.

Color Contrast Check

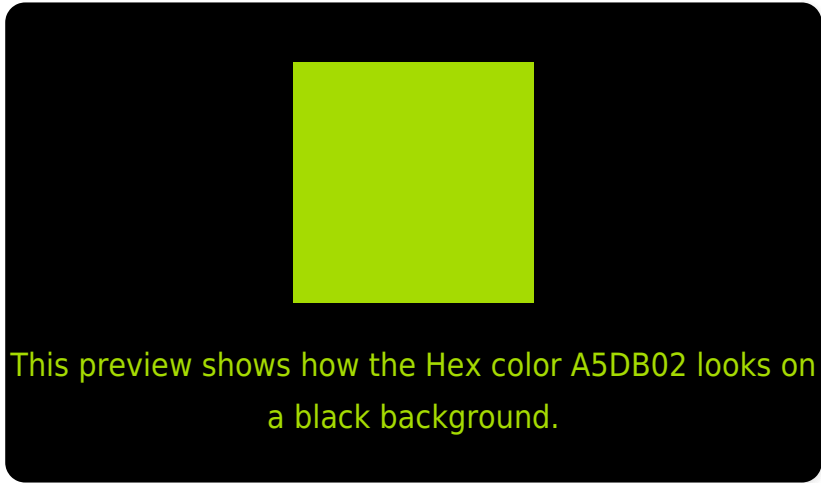
Large Text (above 18pt) WCAG AA × Fail

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 A5DB02 Background



This preview shows how black text looks on a background with the Hex color A5DB02.

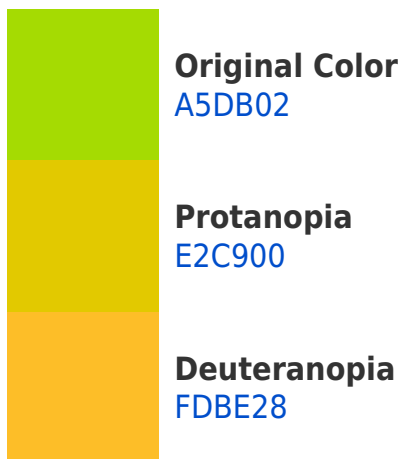


This preview shows how white text looks on a background with the Hex color A5DB02.

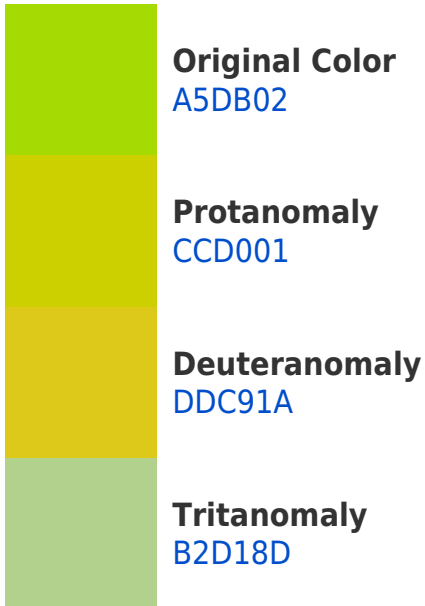
Color Blindness Simulation

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](#).

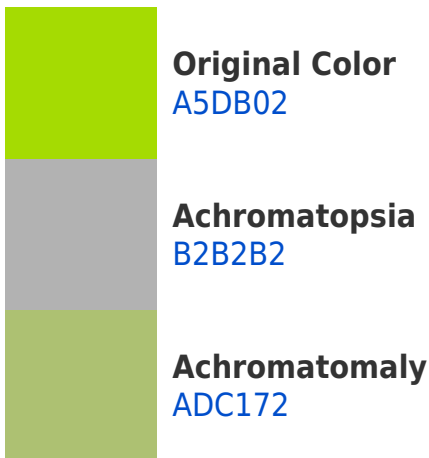
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A5DB02 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 #A5DB02 looks like.

```
.text, #text, p{  
    color:#A5DB02  
}
```

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 #A5DB02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5DB02
}
```

Border

The CSS property to change the border of an element to Hex A5DB02 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
#A5DB02 }
```

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

```
.border{ border-color:#A5DB02 }
```

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

Here you see how a box with a 4 pixel #A5DB02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5DB02; -webkit-box-shadow:4px 4px  
4px 4px #A5DB02; box-shadow:4px 4px 4px  
4px #A5DB02 }
```

Background

The CSS property to change the background color of an element to Hex A5DB02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5DB02 }
```

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

```
.background{ background-color:#A5DB02 }
```

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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