

Converting Colors

Hex(A3C50D)

Have a look what the booklet for
Hex(A3C50D) contains.

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Color

Hex(A3C50D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A3C50D |
| RGB | 163, 197, 13 |
| RGB Percent | 64%, 77%, 5% |
| CMY | 0.3608, 0.2275, 0.9490 |
| CMYK | 0.17, 0.00, 0.93, 0.23 |
| HSL | 71°, 88%, 41% |
| HSV | 71°, 93%, 77% |
| XYZ | 35.1432, 47.7481, 7.7448 |
| YIQ | 165.8580, 38.8000, -64.4320 |

Conversions

Conversions Part 2

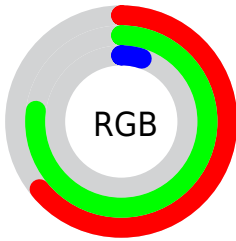
| Format | Color |
|-------------------------------------|--|
| RYB | 13, 197, 47 |
| Decimal | 10732813 |
| CIELab | 74.67, -31.93, 73.45 |
| CIElCh | 75, 80.093, 113.495 |
| Yxy | 47.7481, 0.3877, 0.5268 |
| Android (android.graphics.Color) | 4288922893 (0xFFA3C50D) |
| YUV | 165.8580, -75.3590, -2.5065 |
| Hunter-Lab | 69.1000, -30.1427, 41.7247 |

Details

The Hex color **A3C50D** 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 **2F0DC5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **DEFE56**, and **6A8F00** is the 20% darker color. If you saturate the color by 10%, you get **A1C500**, and if you desaturate by 10%, it is **A7C521**.

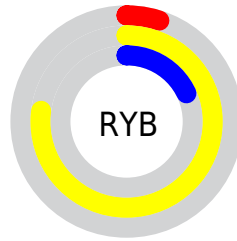
Distribution



Red (64%)

Green (77%)

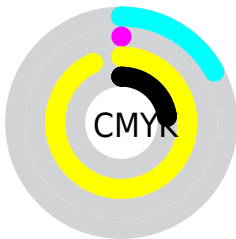
Blue (5%)



Red (5%)

Yellow (77%)

Blue (18%)

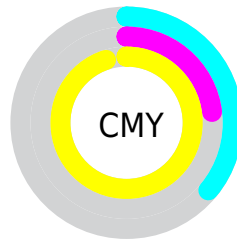


Cyan (17%)

Magenta (0%)

Yellow (93%)

Black (23%)



Cyan (36%)

Magenta (23%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3C50D 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 A3C50D by changing the saturation by 10% instead.

 A3C50D

 A3C50D

FFFFFF

 86AA00

 DEFE56

 6A8F00

 FCFF73

 4E7500

 FFFF8F

 325D00

 FFFFAC

 134500

 FFFFC9

 002E00

 FFFF8F

 001900

 000000

 A3C50D

 A3C50D

■ A1C500

■ A7C521

■ AAC534

■ AEC548

■ B2C55C

■ B5C570

■ B9C583

■ BCC597

■ C0C5AB

■ C4C5BE

Harmonies

Analogous

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



E8AF00



A3C50D



35D25A

Triad

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



A3C50D



00D4FF



FF6ECB

Complementary

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



A3C50D



2F0DC5

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.



FF89FF



A3C50D



00C5FF

Square

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



A3C50D



00DAF1



96ABFF



FF7282

Rectangle

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



A3C50D



00D78B



96ABFF



FF74E4

Sweetspot

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



A3C50D



F2FFB8



C52F0D



778054



000000



808080

Same Dimension

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



A3C50D



D0FF00



47C50D



62635A



85A300



1D2400

Inverse Universe

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



2F0DC5



2F00FF



8B0DC5



5B5A63



1E00A3



070024

Previews

White Background



This preview shows how the Hex color A3C50D looks on a white background.

Color Contrast Check

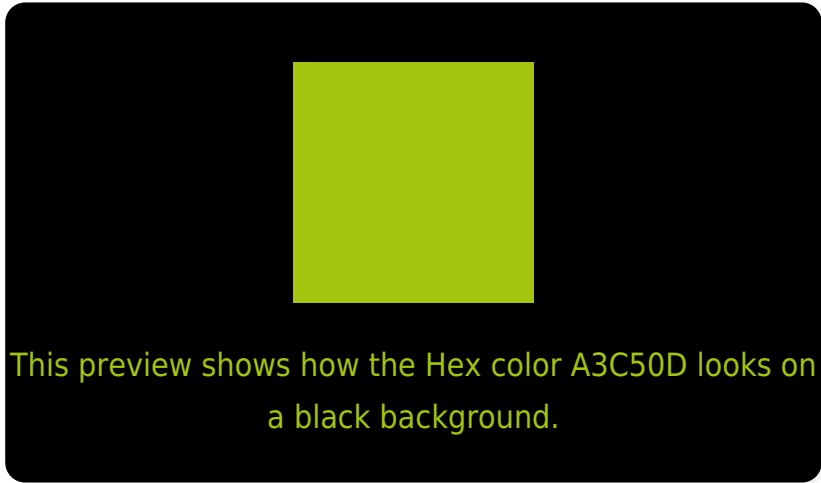
Large Text (above 18pt) WCAG AA × Fail

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 A3C50D Background



This preview shows how black text looks on a background with the Hex color A3C50D.



This preview shows how white text looks on a background with the Hex color A3C50D.

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
A3C50D

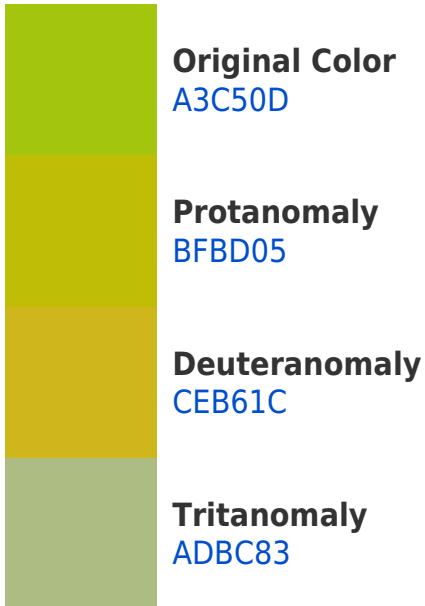
Protanopia
CFB800

Deuteranopia
E7AE25

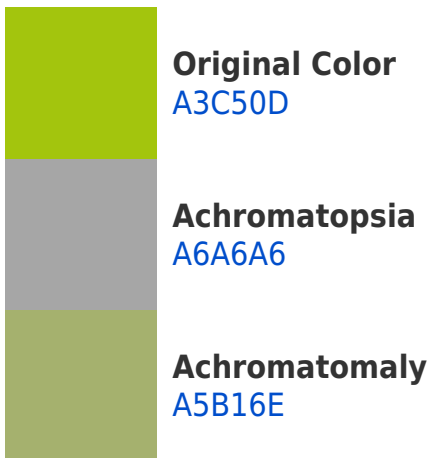


Tritanopia
B3B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3C50D 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 #A3C50D looks like.

```
.text, #text, p{  
    color:#A3C50D  
}
```

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 #A3C50D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C50D
}
```

Border

The CSS property to change the border of an element to Hex A3C50D 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
#A3C50D }
```

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

```
.border{ border-color:#A3C50D }
```

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

Here you see how a box with a 4 pixel #A3C50D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C50D; -webkit-box-shadow:4px 4px  
4px 4px #A3C50D; box-shadow:4px 4px 4px  
4px #A3C50D }
```

Background

The CSS property to change the background color of an element to Hex A3C50D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C50D }
```

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

```
.background{ background-color:#A3C50D }
```

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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