

Converting Colors

Hex(A5D116)

Have a look what the booklet for
Hex(A5D116) contains.

Hex(A5D116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A5D116)

Conversions

Conversions Part 1

Format	Color
Hex	A5D116
RGB	165, 209, 22
RGB Percent	65%, 82%, 9%
CMY	0.3529, 0.1804, 0.9137
CMYK	0.21, 0.00, 0.89, 0.18
HSL	74°, 81%, 45%
HSV	74°, 89%, 82%
XYZ	38.4623, 53.6582, 9.0889
YIQ	174.5260, 33.8030, -67.4850

Conversions

Conversions Part 2

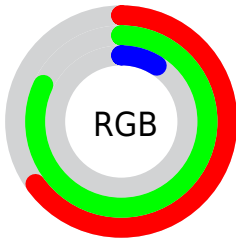
Format	Color
R _Y B	22, 209, 66
Decimal	10866966
CIE Lab	78.26, -36.47, 75.11
CIE LCh	78, 83.500, 115.899
Yxy	53.6582, 0.3800, 0.5302
Android (android.graphics.Color)	4289057046 (0xFFA5D116)
YUV	174.5260, -75.1953, -8.3543
Hunter-Lab	73.2517, -34.4655, 43.9196

Details

The Hex color **A5D116** 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 **4216D1**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E0FF5B**, and **6C9A00** is the 20% darker color. If you saturate the color by 10%, you get **A0D101**, and if you desaturate by 10%, it is **AAD12B**.

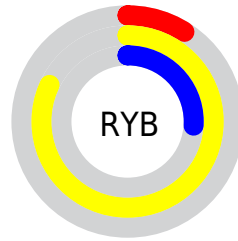
Distribution



Red (65%)

Green (82%)

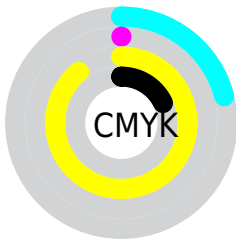
Blue (9%)



Red (9%)

Yellow (82%)

Blue (26%)

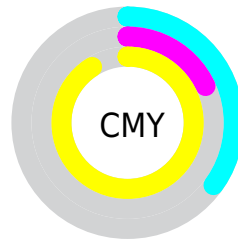


Cyan (21%)

Magenta (0%)

Yellow (89%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5D116 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 A5D116 by changing the saturation by 10% instead.

 A5D116

 A5D116

FFFFFF

 88B500

 E0FF5B

 6C9A00

 FEEF78

 4F8000

 FFFF95

 326700

 FFFFB2

 104E00

 FFFFCF

 003700

 FFFFED

 002300

 000000

 A5D116

 A5D116

■ A0D101

■ AAD12B

■ A0D100

■ AFD140

■ B4D155

■ B9D16A

■ BED17E

■ C3D193

■ C7D1A8

■ CCD1BD

■ D1D1D2

Harmonies

Analogous

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



F0BA00



A5D116



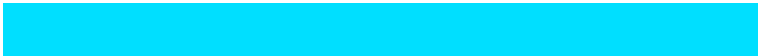
20DE65

Triad

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



A5D116



00DFFF



FF72D0

Complementary

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



A5D116



4216D1

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.



FF8DFF



A5D116



00CEFF

Square

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



A5D116



00E5FF



AAB2FF



FF7A83

Rectangle

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



A5D116



00E399



AAB2FF



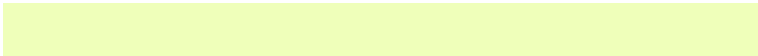
FF78EA

Sweetspot

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



A5D116



EFFFBA



D14216



768057



000000



808080

Same Dimension

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



A5D116



C3FF00



48D116



66695E



81A800



1F2900

Inverse Universe

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



4216D1



3C00FF



9F16D1



615E69



2800A8



0A0029

Previews

White Background



This preview shows how the Hex color A5D116 looks on a white background.

Color Contrast Check

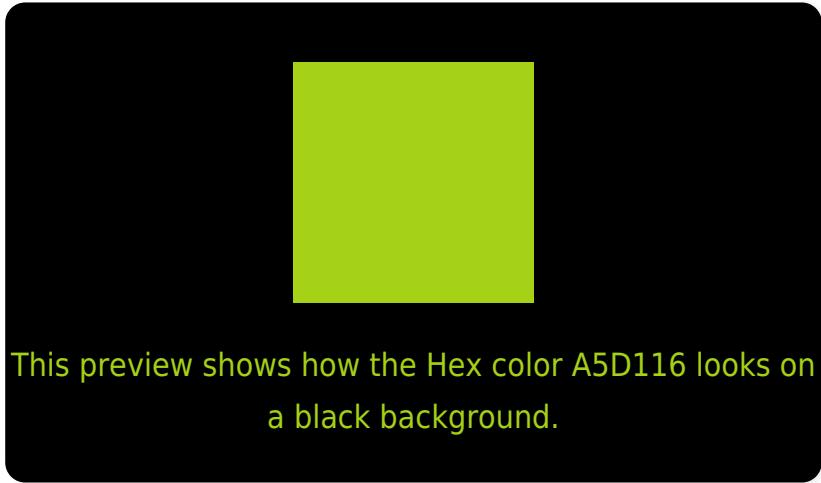
Large Text (above 18pt) WCAG AA × Fail

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 A5D116 Background



This preview shows how black text looks on a background with the Hex color A5D116.

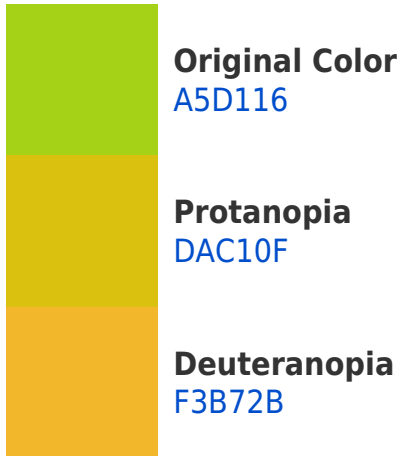


This preview shows how white text looks on a background with the Hex color A5D116.

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
B7C2D2

Trichromacy



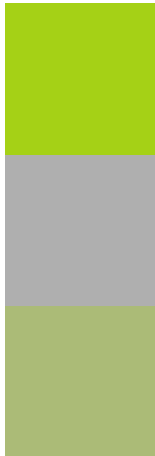
Original Color
A5D116

Protanomaly
C7C712

Deuteranomaly
D7C023

Tritanomaly
B0C78E

Monochromacy



Original Color
A5D116

Achromatopsia
AFAFAF

Achromatomaly
ABBB77

CSS Examples

Text

The CSS property to change the color of the text to Hex A5D116 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 #A5D116 looks like.

```
.text, #text, p{  
    color:#A5D116  
}
```

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 #A5D116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5D116
}
```

Border

The CSS property to change the border of an element to Hex A5D116 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
#A5D116 }
```

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

```
.border{ border-color:#A5D116 }
```

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

Here you see how a box with a 4 pixel #A5D116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5D116; -webkit-box-shadow:4px 4px  
4px 4px #A5D116; box-shadow:4px 4px 4px  
4px #A5D116 }
```

Background

The CSS property to change the background color of an element to Hex A5D116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5D116 }
```

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

```
.background{ background-color:#A5D116 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor