

# Converting Colors

Hex(A5DB16)

Have a look what the booklet for  
Hex(A5DB16) contains.

<b>Hex(A5DB16)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A5DB16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5DB16
RGB	165, 219, 22
RGB Percent	65%, 86%, 9%
CMY	0.3529, 0.1412, 0.9137
CMYK	0.25, 0.00, 0.90, 0.14
HSL	76°, 82%, 47%
HSV	76°, 90%, 86%
XYZ	40.9934, 58.7203, 9.9326
YIQ	180.3960, 31.0530, -72.7150

# Conversions

## Conversions Part 2

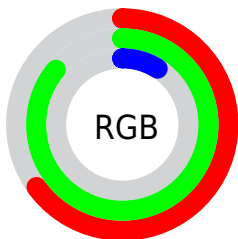
Format	Color
R <sub>Y</sub> B	22, 219, 76
Decimal	10869526
CIE Lab	81.14, -40.93, 77.45
CIE LCh	81, 87.595, 117.854
Yxy	58.7203, 0.3739, 0.5355
Android (android.graphics.Color)	4289059606 (0xFFA5DB16)
YUV	180.3960, -78.0892, -13.5023
Hunter-Lab	76.6292, -38.6110, 45.9553

# Details

The Hex color **A5DB16** 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 **4C16DB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E0FF5D**, and **6BA400** is the 20% darker color. If you saturate the color by 10%, you get **9FDB00**, and if you desaturate by 10%, it is **ABDB2C**.

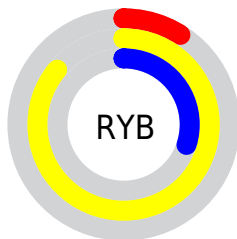
# Distribution



Red (65%)

Green (86%)

Blue (9%)



Red (9%)

Yellow (86%)

Blue (30%)

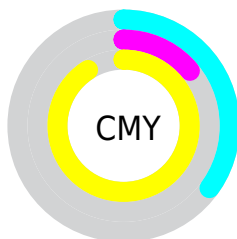


Cyan (25%)

Magenta (0%)

Yellow (90%)

Black (14%)



Cyan (35%)

Magenta (14%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5DB16 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 A5DB16 by changing the saturation by 10% instead.



 A5DB16

 A5DB16

FFFFFF

 88BF00

 E0FF5D

 6BA400

 FFFF7B

 4E8900

 FFFF97

 306F00

 FFFFB5

 075700

 FFFFD2

 003F00

 FFFFF0

 002900

 000800

 000000

 A5DB16

 A5DB16

 9FDB00

 ABDB2C

 B1DB42

 B7DB58

 BDDB6E

 C3DB84

 C9DB99

 CFDBAF

 D5DBC5

 DBDBDB

# Harmonies

## Analogous

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



F5C400



A5DB16



00E86D

# Triad

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



A5DB16



00E7FF



FF74D3

# Complementary

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



A5DB16



4C16DB

# 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.



FF8FFF



A5DB16



00D5FF

# Square

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



A5DB16



00EFFF



BAB6FF



FF7F82

# Rectangle

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



A5DB16



00EDA4



BAB6FF



FF79EE

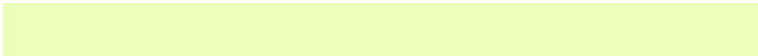


# Sweetspot

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



A5DB16



ECFFBA



DB4B16



748057



000000



808080



# Same Dimension

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



A5DB16



B9FF00



44DB16



6B6E63



7EAD00



212E00



# Inverse Universe

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



4C16DB



4600FF



AD16DB



66636E



3000AD

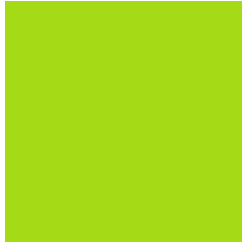


0D002E



# Previews

## White Background



This preview shows how the Hex color A5DB16 looks on a white background.

## Color Contrast Check

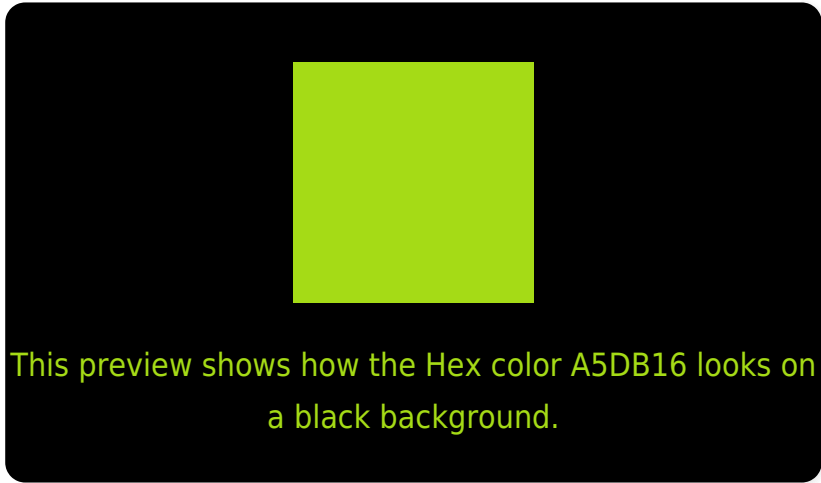
Large Text (above 18pt) WCAG AA × Fail

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 A5DB16 Background



This preview shows how black text looks on a background with the Hex color A5DB16.

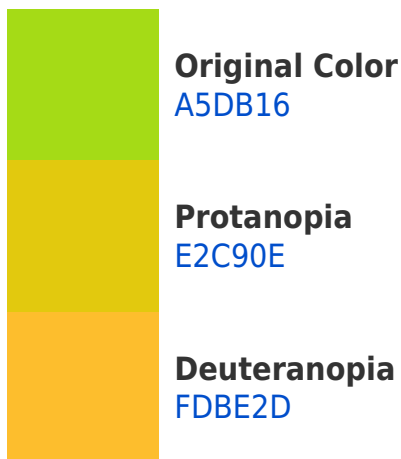


This preview shows how white text looks on a background with the Hex color A5DB16.

# 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



**Original Color**  
A5DB16

**Protanomaly**  
CCD011

**Deuteranomaly**  
DDC925

**Tritanomaly**  
B1D194

# Monochromacy



**Original Color**  
A5DB16

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
AFC27B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5DB16 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 #A5DB16 looks like.

```
.text, #text, p{  
    color:#A5DB16  
}
```

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 #A5DB16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5DB16
}
```

## Border

The CSS property to change the border of an element to Hex A5DB16 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
#A5DB16 }
```

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

```
.border{ border-color:#A5DB16 }
```

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

Here you see how a box with a 4 pixel #A5DB16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5DB16; -webkit-box-shadow:4px 4px  
4px 4px #A5DB16; box-shadow:4px 4px 4px  
4px #A5DB16 }
```

# Background

The CSS property to change the background color of an element to Hex A5DB16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5DB16 }
```

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

```
.background{ background-color:#A5DB16 }
```

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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