

# Converting Colors

Hex(A5D12E)

Have a look what the booklet for  
Hex(A5D12E) contains.

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# Color

Hex(A5D12E)

# Conversions

## Conversions Part 1

Format	Color
Hex	A5D12E
RGB	165, 209, 46
RGB Percent	65%, 82%, 18%
CMY	0.3529, 0.1804, 0.8196
CMYK	0.21, 0.00, 0.78, 0.18
HSL	76°, 64%, 50%
HSV	76°, 78%, 82%
XYZ	38.8107, 53.7975, 10.9232
YIQ	177.2620, 26.0990, -60.0210

# Conversions

## Conversions Part 2

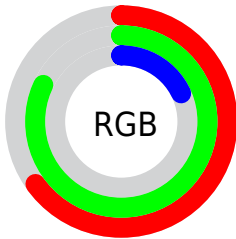
Format	Color
<a href="#">RYB</a>	<a href="#">46, 209, 90</a>
Decimal	<a href="#">10866990</a>
<a href="#">CIELab</a>	<a href="#">78.34, -35.71, 69.73</a>
<a href="#">CIELCh</a>	<a href="#">78, 78.342, 117.118</a>
<a href="#">Yxy</a>	<a href="#">53.7975, 0.3749, 0.5196</a>
Android (android.graphics.Color)	<a href="#">4289057070</a> ( <a href="#">0xFFA5D12E</a> )
<a href="#">YUV</a>	<a href="#">177.2620, -64.7122, -10.7538</a>
<a href="#">Hunter-Lab</a>	<a href="#">73.3468, -33.9056, 42.5130</a>

# Details

The Hex color **A5D12E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle washed chartreuse. A complement of this color would be **5A2ED1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **DFFF69**, and **6C9A00** is the 20% darker color. If you saturate the color by 10%, you get **9FD119**, and if you desaturate by 10%, it is **ABD143**.

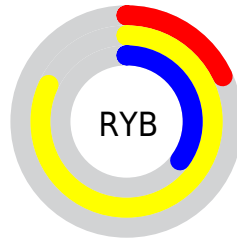
# Distribution



Red (65%)

Green (82%)

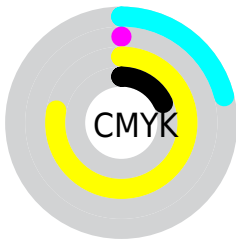
Blue (18%)



Red (18%)

Yellow (82%)

Blue (35%)

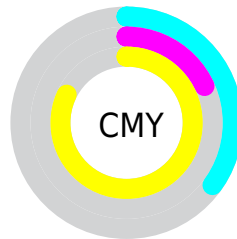


Cyan (21%)

Magenta (0%)

Yellow (78%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5D12E 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 A5D12E by changing the saturation by 10% instead.



 A5D12E

 A5D12E

FFFFFF

 88B500

 DFFF69

 6C9A00

 FDF86

 508000

 FFFFA2

 346700

 FFFFBF

 134E00

 FFFFDC

 003700

 FFFFF9

 002400

 000000

 A5D12E

 A5D12E

■ 9FD119

■ ABD143

■ 9AD104

■ B0D158

■ 99D100

■ B6D16D

■ BCD182

■ C1D197

■ C7D1AB

■ CCD1C0

■ D2D1D5

■ D8D1EA

# Harmonies

## Analogous

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



ECBC12



A5D12E



31DE6E

# Triad

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



A5D12E



00DDFF



FF7ACC

# Complementary

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



A5D12E



5A2ED1

# 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.



FF91FF



A5D12E



00CCFF

# Square

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



A5D12E



00E3FF



B4B1FF



FF8284

# Rectangle

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



A5D12E



00E29F



B4B1FF



FF7FE4



# Sweetspot

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



A5D12E



EFFFC4



D1592E



76805C



000000



808080



# Same Dimension

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



A5D12E



BEFF0F



54D12E



66695E



7BA800



1E2900



# Inverse Universe

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



5A2ED1



500FFF



AB2ED1



615E69



2D00A8



0B0029



# Previews

## White Background



This preview shows how the Hex color A5D12E looks on a white background.

## Color Contrast Check

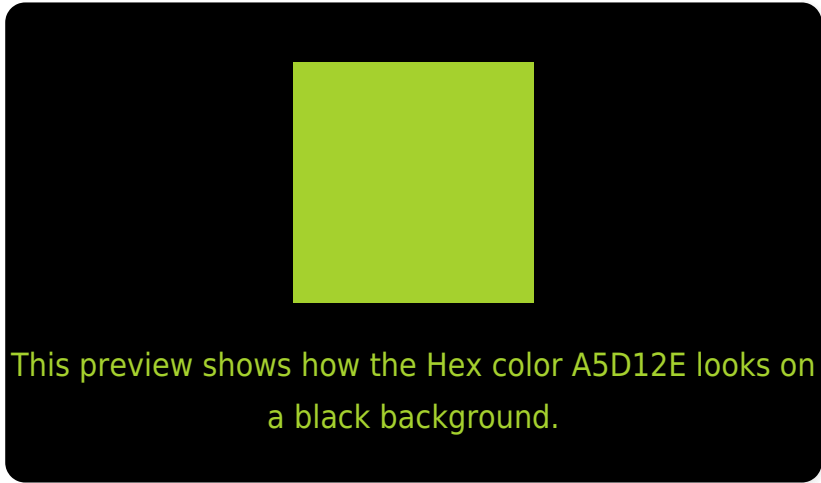
Large Text (above 18pt) WCAG AA × Fail

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 A5D12E Background



This preview shows how black text looks on a background with the Hex color A5D12E.

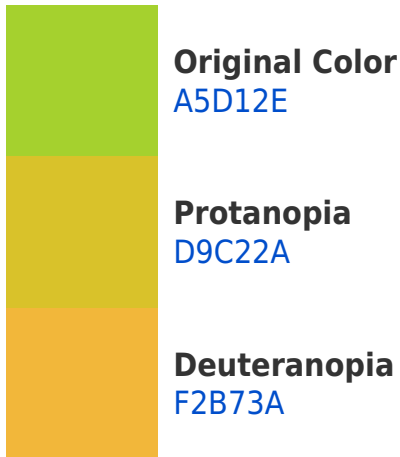


This preview shows how white text looks on a background with the Hex color A5D12E.

# 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](#).

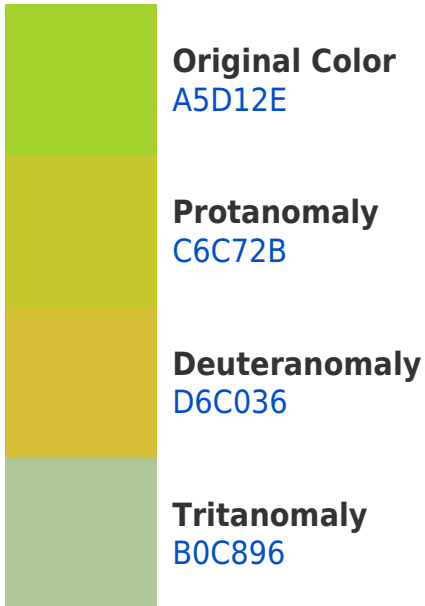
## Dichromacy





**Tritanopia**  
B6C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5D12E 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 #A5D12E looks like.

```
.text, #text, p{  
    color:#A5D12E  
}
```

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 #A5D12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5D12E
}
```

## Border

The CSS property to change the border of an element to Hex A5D12E 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
#A5D12E }
```

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

```
.border{ border-color:#A5D12E }
```

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

Here you see how a box with a 4 pixel #A5D12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5D12E; -webkit-box-shadow:4px 4px  
4px 4px #A5D12E; box-shadow:4px 4px 4px  
4px #A5D12E }
```

# Background

The CSS property to change the background color of an element to Hex A5D12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5D12E }
```

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

```
.background{ background-color:#A5D12E }
```

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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