

Converting Colors

Hex(A6E23D)

Have a look what the booklet for
Hex(A6E23D) contains.

Hex(A6E23D)	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(A6E23D)

Conversions

Conversions Part 1

Format	Color
Hex	A6E23D
RGB	166, 226, 61
RGB Percent	65%, 89%, 24%
CMY	0.3490, 0.1137, 0.7608
CMYK	0.27, 0.00, 0.73, 0.11
HSL	82°, 74%, 56%
HSV	82°, 73%, 89%
XYZ	43.7645, 62.8366, 14.2369
YIQ	189.2500, 17.2050, -64.0350

Conversions

Conversions Part 2

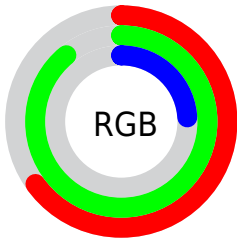
Format	Color
RYB	61, 226, 121
Decimal	10936893
CIELab	83.36, -42.16, 69.79
CIELCh	83, 81.539, 121.136
Yxy	62.8366, 0.3622, 0.5200
Android (android.graphics.Color)	4289126973 (0xFFA6E23D)
YUV	189.2500, -63.2272, -20.3903
Hunter-Lab	79.2696, -40.1723, 44.8401

Details

The Hex color **A6E23D** is a light color, and the websafe version is hex **99CC33**. The color can be described as light washed chartreuse. A complement of this color would be **793DE2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **E1FF77**, and **6DAA00** is the 20% darker color. If you saturate the color by 10%, you get **9EE226**, and if you desaturate by 10%, it is **AEE254**.

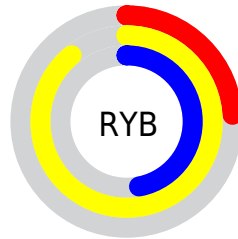
Distribution



Red (65%)

Green (89%)

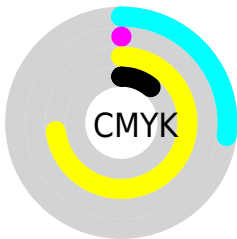
Blue (24%)



Red (24%)

Yellow (89%)

Blue (47%)

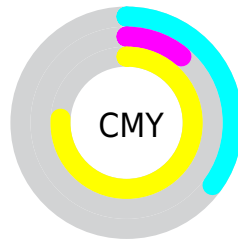


Cyan (27%)

Magenta (0%)

Yellow (73%)

Black (11%)



Cyan (35%)

Magenta (11%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E23D 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 A6E23D by changing the saturation by 10% instead.

 A6E23D

 A6E23D

FFFFFF

 89C619

 E1FF77

 6DAA00

 FFFF93

 509000

 FFFF80

 337600

 FFFFCD

 0D5C00

 FFFFEA

 004400

 002D00

 001400

 000000

 A6E23D

 A6E23D

 9EE226

 AEE254

 96E210

 B6E26A

 90E200

 BFE281

 C7E297

 CFE2AE

 D7E2C5

 E0E2DB

 E8E2F2

 F0E2FF

Harmonies

Analogous

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



F3CD17



A6E23D



00EE82

Triad

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



A6E23D



00EAFB



FF84D0

Complementary

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



A6E23D



793DE2

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.



FF98FF



A6E23D



00D8FF

Square

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



A6E23D



00F3FF



D3BAFF



FF9085

Rectangle

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



A6E23D



00F2B6



D3BAFF



FF87EA

Sweetspot

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



A6E23D



EBFFC7



E2773D



73805E



000000



808080

Same Dimension

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



A6E23D



ADFF1F



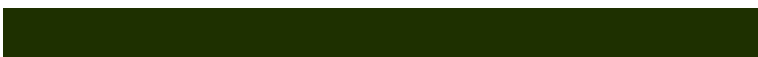
56E23D



6C7065



70B000



1F3000

Inverse Universe

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



793DE2



701FFF



C93DE2



696570



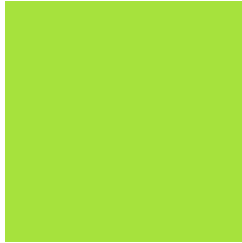
4000B0



120030

Previews

White Background



This preview shows how the Hex color A6E23D looks on a white background.

Color Contrast Check

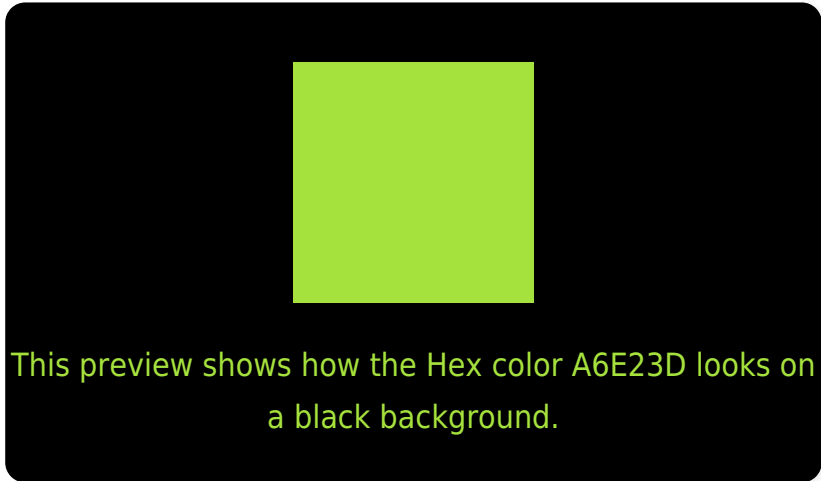
Large Text (above 18pt) WCAG AA × Fail

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 A6E23D Background



This preview shows how black text looks on a background with the Hex color A6E23D.

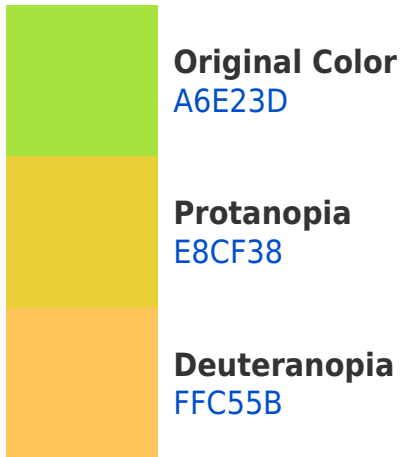


This preview shows how white text looks on a background with the Hex color A6E23D.

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
BAD3E4

Trichromacy



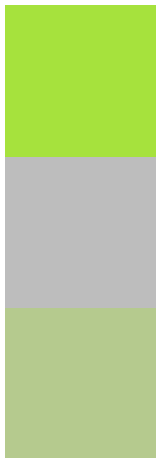
Original Color
A6E23D

Protanomaly
D0D63A

Deuteranomaly
DFD050

Tritanomaly
B3D8A7

Monochromacy



Original Color
A6E23D

Achromatopsia
BDBDBD

Achromatomaly
B5CA8E

CSS Examples

Text

The CSS property to change the color of the text to Hex A6E23D 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 #A6E23D looks like.

```
.text, #text, p{  
    color:#A6E23D  
}
```

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 #A6E23D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E23D
}
```

Border

The CSS property to change the border of an element to Hex A6E23D 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
#A6E23D }
```

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

```
.border{ border-color:#A6E23D }
```

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

Here you see how a box with a 4 pixel #A6E23D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E23D; -webkit-box-shadow:4px 4px  
4px 4px #A6E23D; box-shadow:4px 4px 4px  
4px #A6E23D }
```

Background

The CSS property to change the background color of an element to Hex A6E23D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E23D }
```

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

```
.background{ background-color:#A6E23D }
```

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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