

Converting Colors

Hex(A8D523)

Have a look what the booklet for
Hex(A8D523) contains.

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Color

Hex(A8D523)

Conversions

Conversions Part 1

Format	Color
Hex	A8D523
RGB	168, 213, 35
RGB Percent	66%, 84%, 14%
CMY	0.3412, 0.1647, 0.8627
CMYK	0.21, 0.00, 0.84, 0.16
HSL	75°, 72%, 49%
HSV	75°, 84%, 84%
XYZ	40.2461, 56.0347, 10.2847
YIQ	179.2530, 30.3180, -64.8980

Conversions

Conversions Part 2

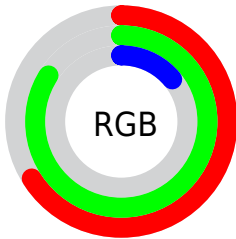
Format	Color
RYB	35, 213, 80
Decimal	11064611
CIELab	79.63, -36.75, 73.80
CIElCh	80, 82.447, 116.473
Yxy	56.0347, 0.3777, 0.5258
Android (android.graphics.Color)	4289254691 (0xFFA8D523)
YUV	179.2530, -71.1167, -9.8689
Hunter-Lab	74.8563, -35.0290, 44.2534

Details

The Hex color **A8D523** 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 **5023D5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E3FF63**, and **6F9E00** is the 20% darker color. If you saturate the color by 10%, you get **A3D50E**, and if you desaturate by 10%, it is **ADD538**.

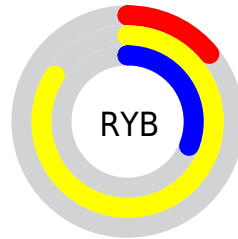
Distribution



Red (66%)

Green (84%)

Blue (14%)



Red (14%)

Yellow (84%)

Blue (31%)

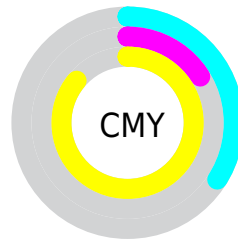


Cyan (21%)

Magenta (0%)

Yellow (84%)

Black (16%)



Cyan (34%)

Magenta (16%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8D523 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 A8D523 by changing the saturation by 10% instead.

 A8D523

 A8D523

FFFFFF

 8BB900

 E3FF63

 6F9E00

 FFFF80

 528400

 FFFF9C

 366A00

 FFFFB9

 145200

 FFFFD6

 003A00

 FFFFF4

 002600

 000000

 A8D523

 A8D523

 A3D50E

 ADD538

 9FD500

 B3D54E

 B8D563

 BED578

 C3D58E

 C8D5A3

 CED5B8

 D3D5CD

 D8D5E3

Harmonies

Analogous

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



F2BF00



A8D523



29E26B

Triad

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



A8D523



00E2FF



FF78D2

Complementary

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



A8D523



5023D5

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



A8D523



00D1FF

Square

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



A8D523



00E9FF



B2B5FF



FF8086

Rectangle

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



A8D523



00E79F



B2B5FF



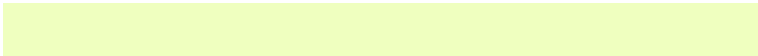
FF7EEC

Sweetspot

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



A8D523



EFFFBF



D55023



768059



000000



808080

Same Dimension

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



A8D523



BFFF00



50D523



686B60



80AB00



202B00

Inverse Universe

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



5023D5



4000FF



A923D5



63606B



2B00AB



0B002B

Previews

White Background



This preview shows how the Hex color A8D523 looks on a white background.

Color Contrast Check

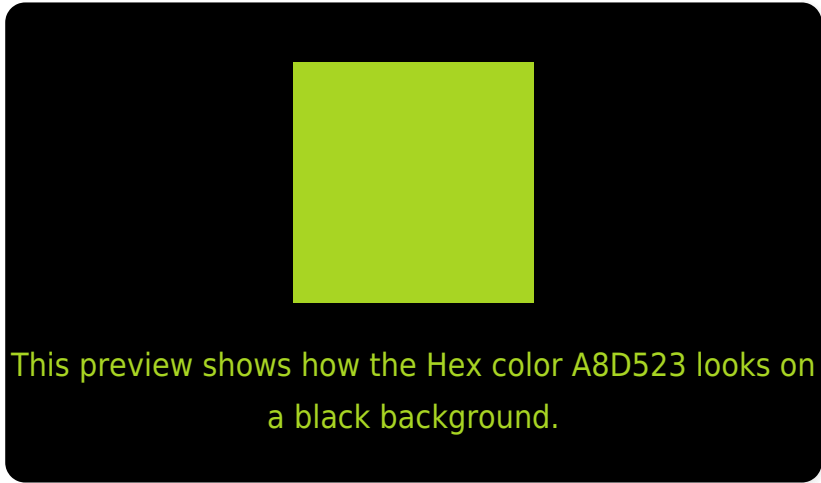
Large Text (above 18pt) WCAG AA × Fail

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 A8D523 Background



This preview shows how black text looks on a background with the Hex color A8D523.



This preview shows how white text looks on a background with the Hex color A8D523.

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
A8D523

Protanopia
DEC51F

Deuteranopia
F7BB33



Tritanopia
BAC6D6

Trichromacy



Original Color
A8D523

Protanomaly
CACB20

Deuteranomaly
DAC42D

Tritanomaly
B3CB95

Monochromacy



Original Color
A8D523

Achromatopsia
B3B3B3

Achromatomaly
AFBF7F

CSS Examples

Text

The CSS property to change the color of the text to Hex A8D523 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 #A8D523 looks like.

```
.text, #text, p{  
    color:#A8D523  
}
```

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 #A8D523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8D523
}
```

Border

The CSS property to change the border of an element to Hex A8D523 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
#A8D523 }
```

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

```
.border{ border-color:#A8D523 }
```

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

Here you see how a box with a 4 pixel #A8D523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8D523; -webkit-box-shadow:4px 4px  
4px 4px #A8D523; box-shadow:4px 4px 4px  
4px #A8D523 }
```

Background

The CSS property to change the background color of an element to Hex A8D523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8D523 }
```

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

```
.background{ background-color:#A8D523 }
```

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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