

Converting Colors

Hex(A2ED62)

Have a look what the booklet for
Hex(A2ED62) contains.

Hex(A2ED62)	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(A2ED62)

Conversions

Conversions Part 1

Format	Color
Hex	A2ED62
RGB	162, 237, 98
RGB Percent	64%, 93%, 38%
CMY	0.3647, 0.0706, 0.6157
CMYK	0.32, 0.00, 0.59, 0.07
HSL	92°, 79%, 66%
HSV	92°, 59%, 93%
XYZ	47.3891, 69.1316, 22.4013
YIQ	198.7290, -0.0810, -59.1290

Conversions

Conversions Part 2

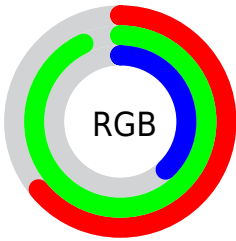
Format	Color
RYB	98, 237, 173
Decimal	10677602
CIELab	86.57, -45.63, 58.77
CIELCh	87, 74.410, 127.826
Yxy	69.1316, 0.3411, 0.4976
Android (android.graphics.Color)	4288867682 (0xFFA2ED62)
YUV	198.7290, -49.6594, -32.2113
Hunter-Lab	83.1454, -43.7676, 42.2277

Details

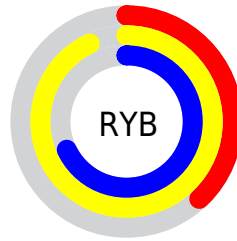
The Hex color **A2ED62** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **AD62ED**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **DCFF99**, and **69B52A** is the 20% darker color. If you saturate the color by 10%, you get **95ED4A**, and if you desaturate by 10%, it is **AFED7A**.

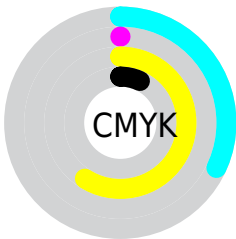
Distribution



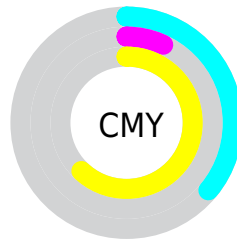
- Red (64%)
- Green (93%)
- Blue (38%)



- Red (38%)
- Yellow (93%)
- Blue (68%)



- Cyan (32%)
- Magenta (0%)
- Yellow (59%)
- Black (7%)



- Cyan (36%)
- Magenta (7%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2ED62 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 A2ED62 by changing the saturation by 10% instead.

 A2ED62

 A2ED62

FFFFFF

 86D047

 DCFF99

 69B52A

 FAFFB5

 4D9900

 FFFFD1

 2F7F00

 FFFFEF

 056500

 004D00

 003500

 001F00

 000000

 A2ED62

 A2ED62

 95ED4A

 AFED7A

 88ED33

 BCED91

 7CED1B

 C8EDA9

 6FED03

 D5EDC1

 6DED00

 E2EDD8

 EFEDF0

 FCEDFF

 FFEDFF

Harmonies

Analogous

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



EDDB40



A2ED62



00F7A1

Triad

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



A2ED62



00EEFF



FF98C9

Complementary

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



A2ED62



AD62ED

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.



FFA2FF



A2ED62



6CDAFF

Square

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



A2ED62



00F9FF



F4BEFF



FFA686

Rectangle

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



A2ED62



00FAD1



F4BEFF



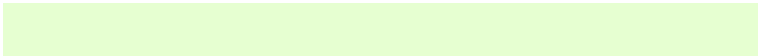
FF98E1

Sweetspot

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



A2ED62



E6FFD1



EDAC62



708063



000000



808080

Same Dimension

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



A2ED62



9FFF4D



62ED67



6F756A



53B500



193600

Inverse Universe

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



AD62ED



AD4DFF



ED62E8



706A75



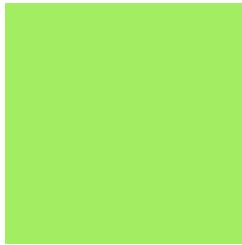
6200B5



1D0036

Previews

White Background



This preview shows how the Hex color A2ED62 looks on a white background.

Color Contrast Check

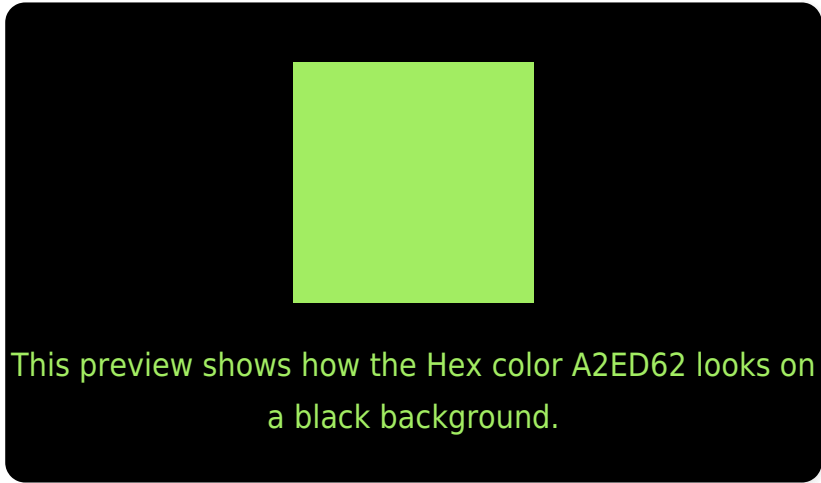
Large Text (above 18pt) WCAG AA × Fail

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 A2ED62 Background



This preview shows how black text looks on a background with the Hex color A2ED62.

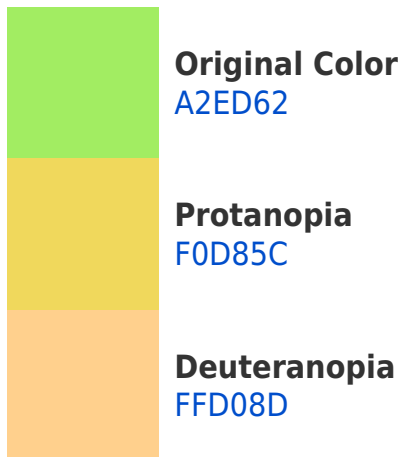


This preview shows how white text looks on a background with the Hex color A2ED62.

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



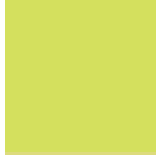


Tritanopia
B7DEF0

Trichromacy



Original Color
A2ED62



Protanomaly
D4E05E



Deuteranomaly
DDDB7D



Tritanomaly
AFE3BC

Monochromacy



Original Color
A2ED62



Achromatopsia
C7C7C7



Achromatomaly
BAD5A2

CSS Examples

Text

The CSS property to change the color of the text to Hex A2ED62 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 #A2ED62 looks like.

```
.text, #text, p{  
    color:#A2ED62  
}
```

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 #A2ED62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2ED62
}
```

Border

The CSS property to change the border of an element to Hex A2ED62 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
#A2ED62 }
```

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

```
.border{ border-color:#A2ED62 }
```

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

Here you see how a box with a 4 pixel #A2ED62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2ED62; -webkit-box-shadow:4px 4px  
4px 4px #A2ED62; box-shadow:4px 4px 4px  
4px #A2ED62 }
```

Background

The CSS property to change the background color of an element to Hex A2ED62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2ED62 }
```

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

```
.background{ background-color:#A2ED62 }
```

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