

Converting Colors

Hex(A7E63D)

Have a look what the booklet for
Hex(A7E63D) contains.

Hex(A7E63D)	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(A7E63D)

Conversions

Conversions Part 1

Format	Color
Hex	A7E63D
RGB	167, 230, 61
RGB Percent	65%, 90%, 24%
CMY	0.3451, 0.0980, 0.7608
CMYK	0.27, 0.00, 0.73, 0.10
HSL	82°, 77%, 57%
HSV	82°, 73%, 90%
XYZ	45.0755, 65.1460, 14.6136
YIQ	191.8970, 16.7010, -65.9150

Conversions

Conversions Part 2

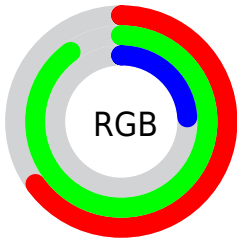
Format	Color
RYB	61, 230, 124
Decimal	11003453
CIELab	84.56, -43.53, 70.98
CIELCh	85, 83.262, 121.519
Yxy	65.1460, 0.3611, 0.5219
Android (android.graphics.Color)	4289193533 (0xFFA7E63D)
YUV	191.8970, -64.5322, -21.8347
Hunter-Lab	80.7131, -41.5619, 45.7644

Details

The Hex color **A7E63D** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **7C3DE6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E2FF77**, and **6DAE00** is the 20% darker color. If you saturate the color by 10%, you get **9EE626**, and if you desaturate by 10%, it is **B0E654**.

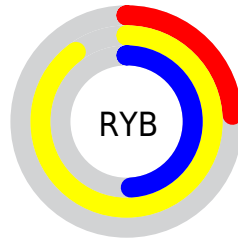
Distribution



Red (65%)

Green (90%)

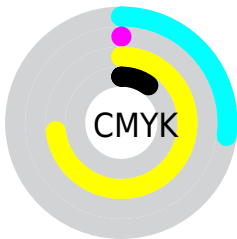
Blue (24%)



Red (24%)

Yellow (90%)

Blue (49%)

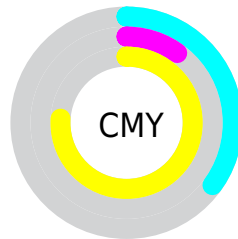


Cyan (27%)

Magenta (0%)

Yellow (73%)

Black (10%)



Cyan (35%)

Magenta (10%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7E63D 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 A7E63D by changing the saturation by 10% instead.

 A7E63D

 A7E63D

FFFFFF

 8ACA19

 E2FF77

 6DAE00

 FFFF94

 519300

 FFFF80

 337900

 FFFFCD

 0B6000

 FFFFEB

 004700

 003000

 001900

 000000

 A7E63D

 A7E63D

 9EE626

 B0E654

 96E60F

 B8E66B

 90E600

 C1E682

 C9E699

 D2E6B0

 DAE6C7

 E3E6DE

 ECE6F5

 F4E6FF

Harmonies

Analogous

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



F6D113



A7E63D



00F284

Triad

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



A7E63D



00EEFF



FF85D2

Complementary

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



A7E63D



7C3DE6

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.



FF99FF



A7E63D



00DBFF

Square

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



A7E63D



00F7FF



D7BCFF



FF9285

Rectangle

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



A7E63D



00F7B9



D7BCFF



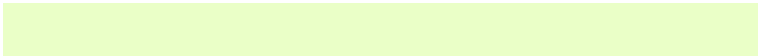
FF88ED

Sweetspot

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



A7E63D



EAFFC7



E67B3D



73805E



000000



808080

Same Dimension

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



A7E63D



ABFF1F



54E63D



6E7367



70B300



203300

Inverse Universe

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



7C3DE6



721FFF



CF3DE6



6C6773



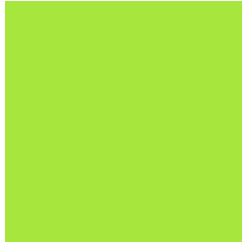
4300B3



130033

Previews

White Background



This preview shows how the Hex color A7E63D 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



This preview shows how the Hex color A7E63D looks on a 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 A7E63D Background



This preview shows how black text looks on a background with the Hex color A7E63D.

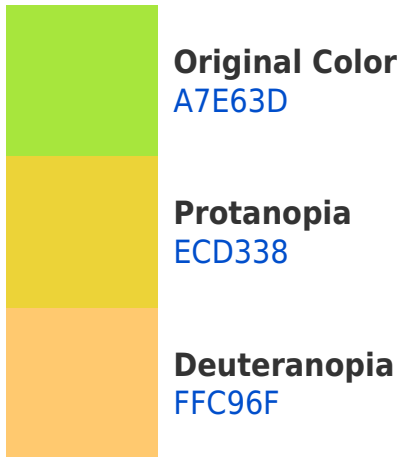


This preview shows how white text looks on a background with the Hex color A7E63D.

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
BBD7E8

Trichromacy



Original Color
A7E63D



Protanomaly
D3DA3A



Deuteranomaly
DFD45D

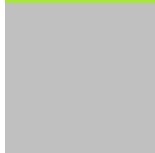


Tritanomaly
B4DCAA

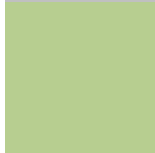
Monochromacy



Original Color
A7E63D



Achromatopsia
C0C0C0



Achromatomaly
B7CE90

CSS Examples

Text

The CSS property to change the color of the text to Hex A7E63D 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 #A7E63D looks like.

```
.text, #text, p{  
    color:#A7E63D  
}
```

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 #A7E63D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E63D
}
```

Border

The CSS property to change the border of an element to Hex A7E63D 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
#A7E63D }
```

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

```
.border{ border-color:#A7E63D }
```

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

Here you see how a box with a 4 pixel #A7E63D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E63D; -webkit-box-shadow:4px 4px  
4px 4px #A7E63D; box-shadow:4px 4px 4px  
4px #A7E63D }
```

Background

The CSS property to change the background color of an element to Hex A7E63D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E63D }
```

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

```
.background{ background-color:#A7E63D }
```

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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