

Converting Colors

Hex(A2D55D)

Have a look what the booklet for
Hex(A2D55D) contains.

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Color

Hex(A2D55D)

Conversions

Conversions Part 1

Format	Color
Hex	A2D55D
RGB	162, 213, 93
RGB Percent	64%, 84%, 36%
CMY	0.3647, 0.1647, 0.6353
CMYK	0.24, 0.00, 0.56, 0.16
HSL	86°, 59%, 60%
HSV	86°, 56%, 84%
XYZ	40.6703, 56.0602, 19.0331
YIQ	184.0710, 8.1240, -48.1320

Conversions

Conversions Part 2

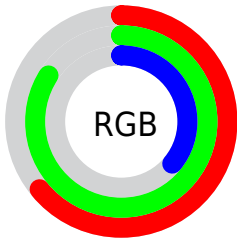
Format	Color
RYB	93, 213, 144
Decimal	10671453
CIELab	79.65, -35.50, 53.08
CIELCh	80, 63.860, 123.773
Yxy	56.0602, 0.3513, 0.4843
Android (android.graphics.Color)	4288861533 (0xFFA2D55D)
YUV	184.0710, -44.8980, -19.3563
Hunter-Lab	74.8734, -34.0693, 37.3396

Details

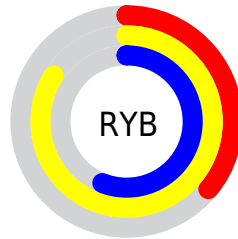
The Hex color **A2D55D** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **905DD5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **DBFF93**, and **6B9E27** is the 20% darker color. If you saturate the color by 10%, you get **99D548**, and if you desaturate by 10%, it is **ABD572**.

Distribution



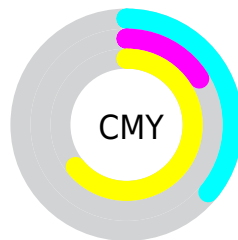
- Red (64%)
- Green (84%)
- Blue (36%)



- Red (36%)
- Yellow (84%)
- Blue (56%)



- Cyan (24%)
- Magenta (0%)
- Yellow (56%)
- Black (16%)



- Cyan (36%)
- Magenta (16%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2D55D 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 A2D55D by changing the saturation by 10% instead.

 A2D55D

 A2D55D

FFFFFF

 86B943

 DBFF93

 6B9E27

 F9FFAE

 508402

 FFFFCB

 356A00

 FFFF7E

 195200

 003A00

 002500

 000000

 A2D55D

 A2D55D

99D548

ABD572

90D532

B4D588

87D51D

BDD59D

7ED508

C6D5B2

7AD500

CFD5C8

D8D5DD

E1D5F2

EAD5FF

F3D5FF

Harmonies

Analogous

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



E0C547



A2D55D



49DF8E

Triad

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



A2D55D



00D9FF



FF90C0

Complementary

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



A2D55D



905DD5

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.



FF9BFB



A2D55D



5CC9FF

Square

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



A2D55D



00E1FF



D2B3FF



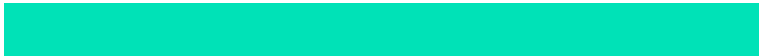
FF9A86

Rectangle

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



A2D55D



00E2B7



D2B3FF



FF92D4

Sweetspot

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



A2D55D



EDFFD4



D58F5D



758066



000000



808080

Same Dimension

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



A2D55D



B5FF52



67D55D



676B60



62AB00



192B00

Inverse Universe

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



905DD5



9B52FF



CB5DD5



65606B



4900AB



12002B

Previews

White Background



This preview shows how the Hex color A2D55D looks on a white background.

Color Contrast Check

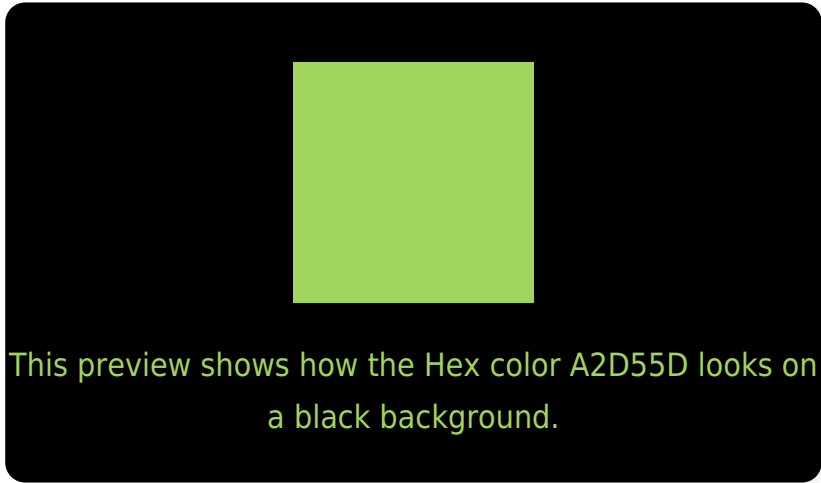
Large Text (above 18pt) WCAG AA × Fail

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 A2D55D Background



This preview shows how black text looks on a background with the Hex color A2D55D.

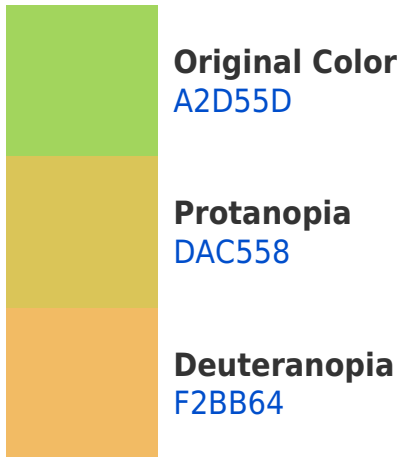


This preview shows how white text looks on a background with the Hex color A2D55D.

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](#).

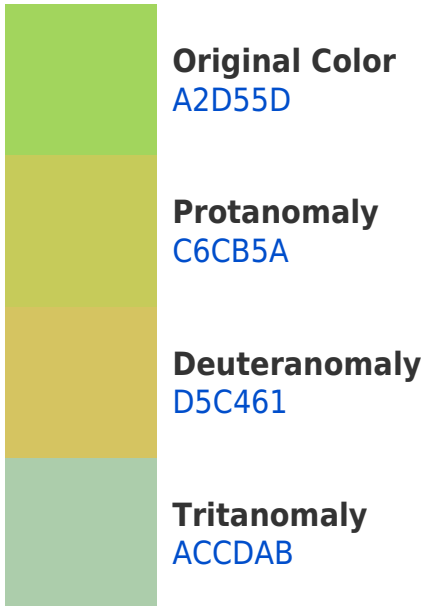
Dichromacy



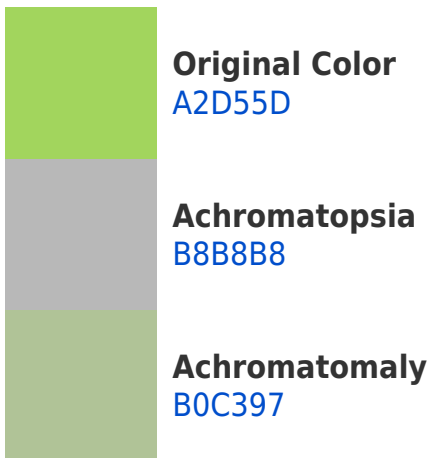


Tritanopia
B2C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A2D55D 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 #A2D55D looks like.

```
.text, #text, p{  
    color:#A2D55D  
}
```

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 #A2D55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2D55D
}
```

Border

The CSS property to change the border of an element to Hex A2D55D 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
#A2D55D }
```

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

```
.border{ border-color:#A2D55D }
```

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

Here you see how a box with a 4 pixel #A2D55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2D55D; -webkit-box-shadow:4px 4px  
4px 4px #A2D55D; box-shadow:4px 4px 4px  
4px #A2D55D }
```

Background

The CSS property to change the background color of an element to Hex A2D55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2D55D }
```

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

```
.background{ background-color:#A2D55D }
```

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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