

Converting Colors

Hex(A2DD75)

Have a look what the booklet for
Hex(A2DD75) contains.

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Color

Hex(A2DD75)

Conversions

Conversions Part 1

Format	Color
Hex	A2DD75
RGB	162, 221, 117
RGB Percent	64%, 87%, 46%
CMY	0.3647, 0.1333, 0.5412
CMYK	0.27, 0.00, 0.47, 0.13
HSL	94°, 60%, 66%
HSV	94°, 47%, 87%
XYZ	43.9676, 60.6786, 26.2244
YIQ	191.5030, -1.7800, -44.8520

Conversions

Conversions Part 2

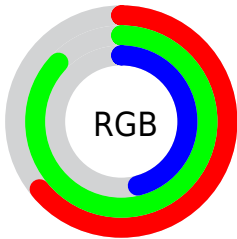
Format	Color
RYB	117, 221, 176
Decimal	10673525
CIELab	82.21, -36.61, 44.88
CIElCh	82, 57.919, 129.199
Yxy	60.6786, 0.3360, 0.4637
Android (android.graphics.Color)	4288863605 (0xFFA2DD75)
YUV	191.5030, -36.7300, -25.8741
Hunter-Lab	77.8965, -35.5669, 34.5671

Details

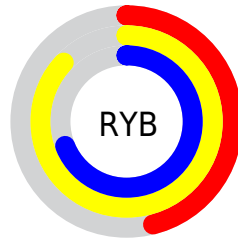
The Hex color **A2DD75** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B075DD**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **DBFFAB**, and **6BA642** is the 20% darker color. If you saturate the color by 10%, you get **95DD5F**, and if you desaturate by 10%, it is **AFDD8B**.

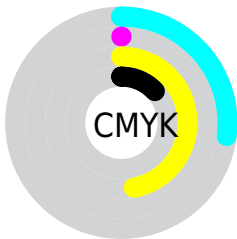
Distribution



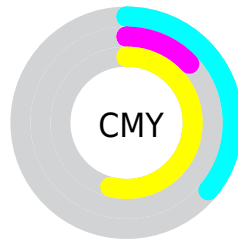
- Red (64%)
- Green (87%)
- Blue (46%)



- Red (46%)
- Yellow (87%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (47%)
- Black (13%)



- Cyan (36%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2DD75 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 A2DD75 by changing the saturation by 10% instead.

 A2DD75

 A2DD75

FFFFFF

 86C15B

 DBFFAB

 6BA642

 F8FFC7

 518B28

 FFFFE3

 36710A

 195800

 004000

 002A00

 000E00

 000000

 A2DD75

 A2DD75

 95DD5F

 AFDD8B

 89DD49

 BBDDA1

 7CDD33

 C8DDB7

 70DD1D

 D4DDCD

 63DD07

 E1DDE3

 60DD00

 EDDDFA

 FADDFE

 FFDDFF

Harmonies

Analogous

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



DDCF5D



A2DD75



52E5A4

Triad

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



A2DD75



00DDFF



FF9EBE

Complementary

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



A2DD75



B075DD

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.



FFA5F4



A2DD75



8FCDFE

Square

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



A2DD75



00E6FF



E7B8FF



FFA98A

Rectangle

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



A2DD75



00E8C9



E7B8FF



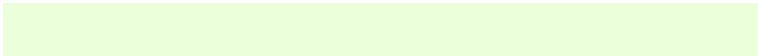
FF9FD0

Sweetspot

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



A2DD75



EBFFDB



DDB075



73806A



000000



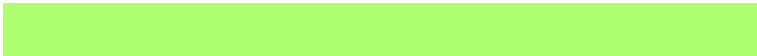
808080

Same Dimension

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



A2DD75



AEFF70



75DD7C



676E63



4BAD00



142E00

Inverse Universe

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



B075DD



C170FF



DD75D6



69636E



6200AD



1A002E

Previews

White Background



This preview shows how the Hex color A2DD75 looks on a white background.

Color Contrast Check

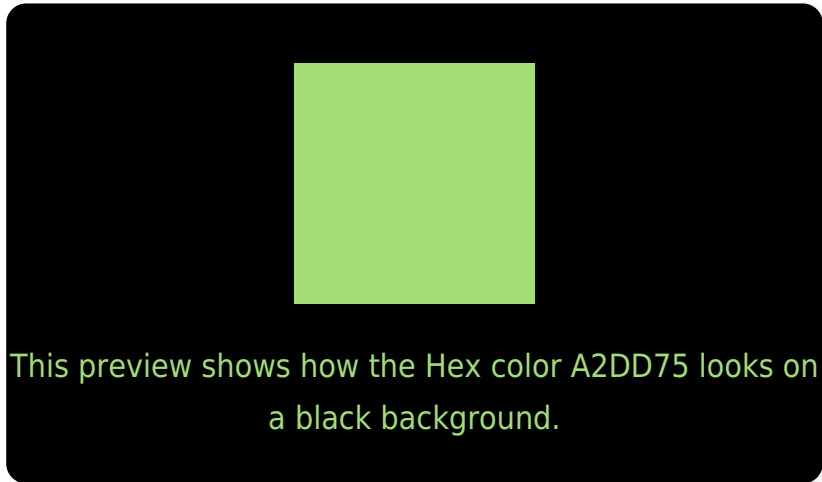
Large Text (above 18pt) WCAG AA × Fail

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 A2DD75 Background



This preview shows how black text looks on a background with the Hex color A2DD75.

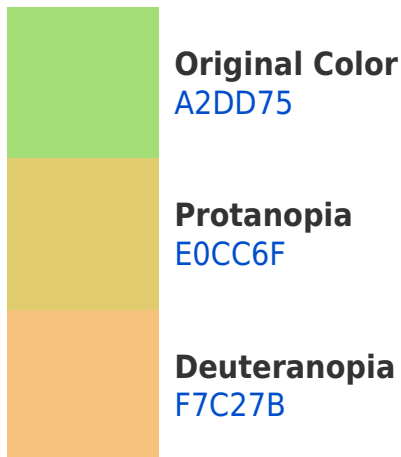


This preview shows how white text looks on a background with the Hex color A2DD75.

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](#).

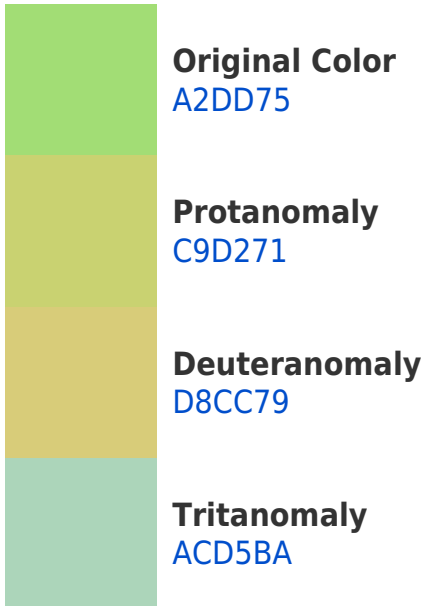
Dichromacy



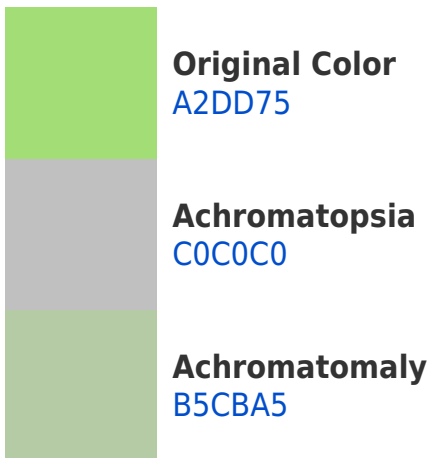


Tritanopia
B2D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A2DD75 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 #A2DD75 looks like.

```
.text, #text, p{  
    color:#A2DD75  
}
```

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 #A2DD75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2DD75
}
```

Border

The CSS property to change the border of an element to Hex A2DD75 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
#A2DD75 }
```

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

```
.border{ border-color:#A2DD75 }
```

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

Here you see how a box with a 4 pixel #A2DD75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2DD75; -webkit-box-shadow:4px 4px  
4px 4px #A2DD75; box-shadow:4px 4px 4px  
4px #A2DD75 }
```

Background

The CSS property to change the background color of an element to Hex A2DD75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2DD75 }
```

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

```
.background{ background-color:#A2DD75 }
```

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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