

Converting Colors

Hex(A2DB76)

Have a look what the booklet for
Hex(A2DB76) contains.

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Color

Hex(A2DB76)

Conversions

Conversions Part 1

Format	Color
Hex	A2DB76
RGB	162, 219, 118
RGB Percent	64%, 86%, 46%
CMY	0.3647, 0.1412, 0.5373
CMYK	0.26, 0.00, 0.46, 0.14
HSL	94°, 58%, 66%
HSV	94°, 46%, 86%
XYZ	43.5018, 59.6524, 26.3608
YIQ	190.4430, -1.5510, -43.4950

Conversions

Conversions Part 2

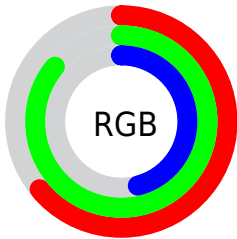
Format	Color
RYB	118, 219, 175
Decimal	10673014
CIELab	81.65, -35.58, 43.71
CIELCh	82, 56.357, 129.143
Yxy	59.6524, 0.3359, 0.4606
Android (android.graphics.Color)	4288863094 (0xFFA2DB76)
YUV	190.4430, -35.7144, -24.9445
Hunter-Lab	77.2350, -34.6229, 33.8284

Details

The Hex color **A2DB76** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AF76DB**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **DBFFAC**, and **6CA443** is the 20% darker color. If you saturate the color by 10%, you get **96DB60**, and if you desaturate by 10%, it is **AEDB8C**.

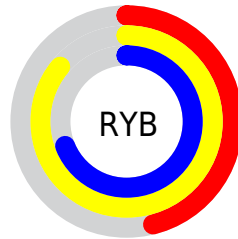
Distribution



Red (64%)

Green (86%)

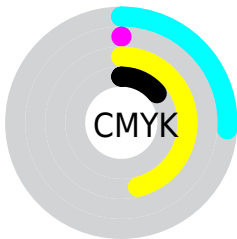
Blue (46%)



Red (46%)

Yellow (86%)

Blue (69%)

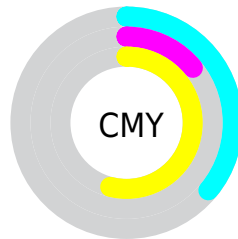


Cyan (26%)

Magenta (0%)

Yellow (46%)

Black (14%)



Cyan (36%)

Magenta (14%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2DB76 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 A2DB76 by changing the saturation by 10% instead.

 A2DB76

 A2DB76


FFFFFF

 87BF5C

 DBFFAC

 6CA443

 F8FFC8

 518929

 FFFFE4

 366F0D

 1A5700

 003F00

 002900

 000B00

 000000

 A2DB76

 A2DB76

 96DB60

 AEDB8C

 89DB4A

 BBDBA2

 7DDB34

 C7DBB8

 71DB1E

 D3DBCE

 64DB09

 E0DBE4

 5FDB00

 ECDBF9

 F9DBFF

 FFDBFF

Harmonies

Analogous

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



DBC5F



A2DB76



56E3A3

Triad

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



A2DB76



00DBFF



FF9FBD

Complementary

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



A2DB76



AF76DB

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.



FFA5F2



A2DB76



90CBFF

Square

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



A2DB76



00E3FF



E4B7FF



FFA88B

Rectangle

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



A2DB76



00E6C8



E4B7FF



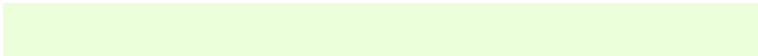
FF9FCF

Sweetspot

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



A2DB76



EBFFDB



DBAE76



73806A



000000



808080

Same Dimension

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



A2DB76



B0FF73



76DB7B



676E63



4CAD00



142E00

Inverse Universe

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



AF76DB



C273FF



DB76D6



69636E



6200AD



1A002E

Previews

White Background



This preview shows how the Hex color A2DB76 looks on a white background.

Color Contrast Check

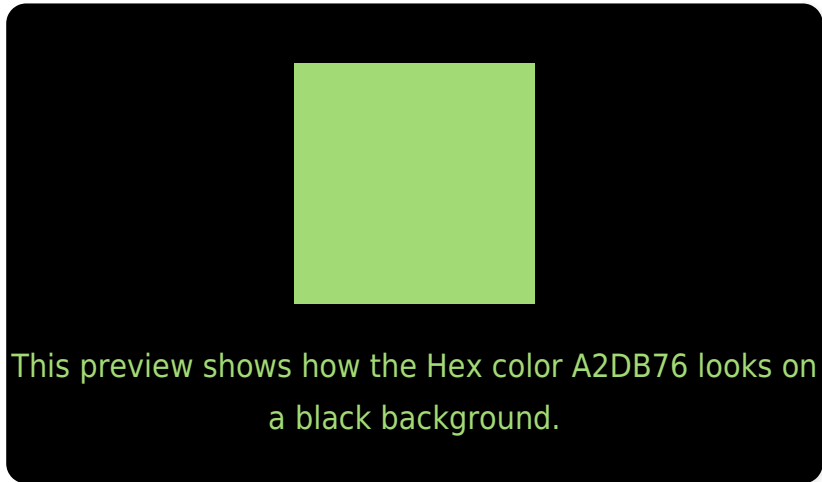
Large Text (above 18pt) WCAG AA × Fail

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 A2DB76 Background



This preview shows how black text looks on a background with the Hex color A2DB76.

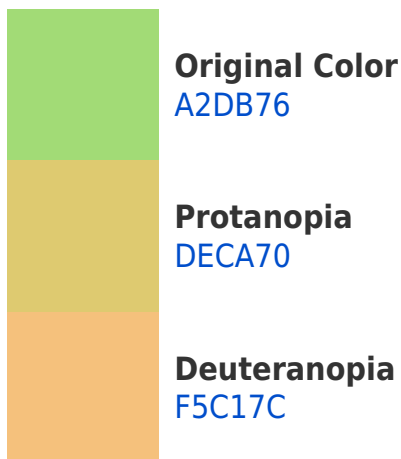


This preview shows how white text looks on a background with the Hex color A2DB76.

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



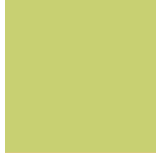


Tritanopia
B2CFE0

Trichromacy



Original Color
A2DB76



Protanomaly
C8D072



Deuteranomaly
D7CA7A

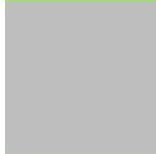


Tritanomaly
ACD3B9

Monochromacy



Original Color
A2DB76



Achromatopsia
BEBEBE



Achromatomaly
B4C9A4

CSS Examples

Text

The CSS property to change the color of the text to Hex A2DB76 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 #A2DB76 looks like.

```
.text, #text, p{  
    color:#A2DB76  
}
```

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 #A2DB76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2DB76
}
```

Border

The CSS property to change the border of an element to Hex A2DB76 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
#A2DB76 }
```

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

```
.border{ border-color:#A2DB76 }
```

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

Here you see how a box with a 4 pixel #A2DB76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2DB76; -webkit-box-shadow:4px 4px  
4px 4px #A2DB76; box-shadow:4px 4px 4px  
4px #A2DB76 }
```

Background

The CSS property to change the background color of an element to Hex A2DB76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2DB76 }
```

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

```
.background{ background-color:#A2DB76 }
```

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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