

Converting Colors

Hex(A6D083)

Have a look what the booklet for
Hex(A6D083) contains.

Hex(A6D083)	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(A6D083)

Conversions

Conversions Part 1

Format	Color
Hex	A6D083
RGB	166, 208, 131
RGB Percent	65%, 82%, 51%
CMY	0.3490, 0.1843, 0.4863
CMYK	0.20, 0.00, 0.37, 0.18
HSL	93°, 45%, 66%
HSV	93°, 37%, 82%
XYZ	42.3785, 54.8574, 29.8277
YIQ	186.6640, -0.3150, -32.8510

Conversions

Conversions Part 2

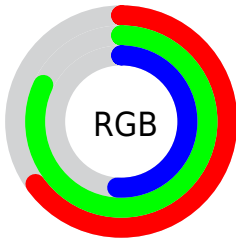
Format	Color
RYB	131, 208, 173
Decimal	10932355
CIELab	78.96, -27.33, 33.83
CIElCh	79, 43.489, 128.931
Yxy	54.8574, 0.3335, 0.4317
Android (android.graphics.Color)	4289122435 (0xFFA6D083)
YUV	186.6640, -27.4424, -18.1223
Hunter-Lab	74.0658, -27.4822, 27.9689

Details

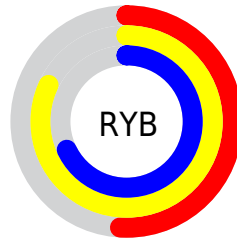
The Hex color **A6D083** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AD83D0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **DEFFB9**, and **719950** is the 20% darker color. If you saturate the color by 10%, you get **9BD06E**, and if you desaturate by 10%, it is **B1D098**.

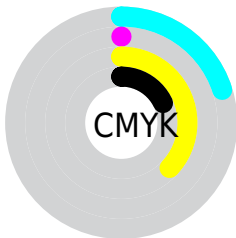
Distribution



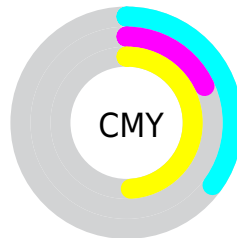
- Red (65%)
- Green (82%)
- Blue (51%)



- Red (51%)
- Yellow (82%)
- Blue (68%)



- Cyan (20%)
- Magenta (0%)
- Yellow (37%)
- Black (18%)



- Cyan (35%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6D083 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 A6D083 by changing the saturation by 10% instead.


 A6D083

 A6D083

FFFFFF

 8BB469

 DEFFB9

 719950

 FBFFD5

 577F38

 FFFFF1

 3E6620

 254E07

 0D3600

 002200

 000000

 A6D083

 A6D083

 9BD06E

 B1D098

 8FD059

 BDD0AD

 84D045

 C8D0C1

 79D030

 D3D0D6

 6DD01B

 DFD0EB

 62D006

 EAD0FF

 5FD000

 F5D0FF

 FFD0FF

Harmonies

Analogous

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



D2C572



A6D083



73D7A5

Triad

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



A6D083



51D0FF



FFA4B9

Complementary

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



A6D083



AD83D0

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.



FFA8E1



A6D083



9CC3FF

Square

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



A6D083



00D7F5



D8B5FF



FFAA93

Rectangle

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



A6D083



4BD9C1



D8B5FF



FFA4C7

Sweetspot

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



A6D083



F0FFE3



D0AC83



76806F



000000



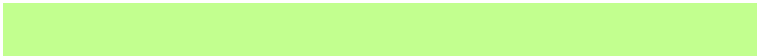
808080

Same Dimension

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



A6D083



C2FF8F



83D086



63695E



4DA800



132900

Inverse Universe

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



AD83D0



CC8FFF



D083CD



645E69



5C00A8



160029

Previews

White Background



This preview shows how the Hex color A6D083 looks on a white background.

Color Contrast Check

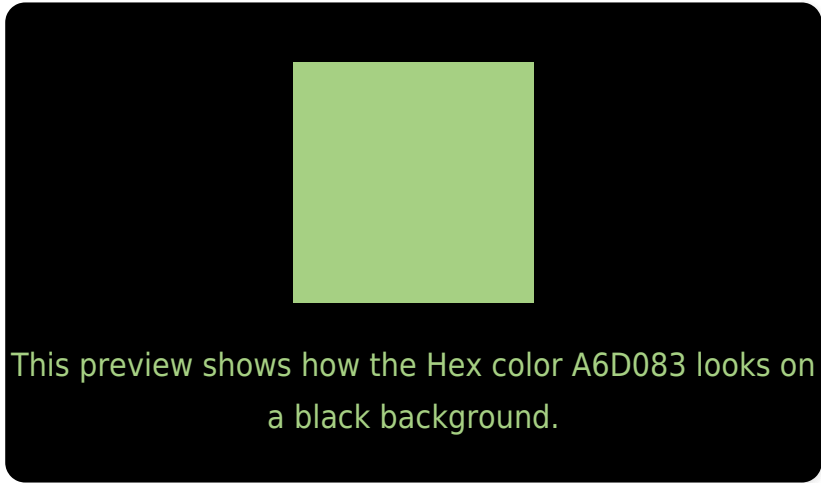
Large Text (above 18pt) WCAG AA × Fail

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

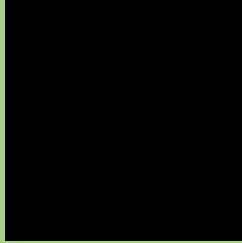
Any Text WCAG AA ✓ Pass

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 A6D083 Background



This preview shows how black text looks on a background with the Hex color A6D083.

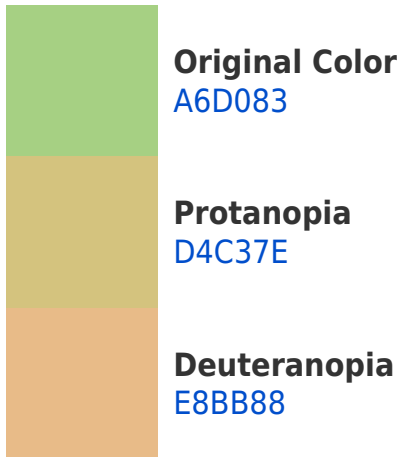


This preview shows how white text looks on a background with the Hex color A6D083.

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](#).

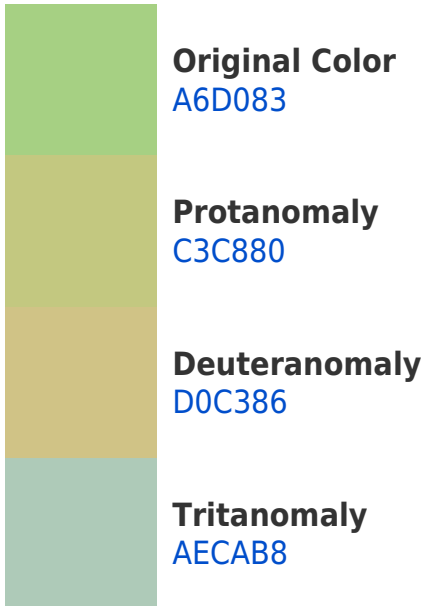
Dichromacy



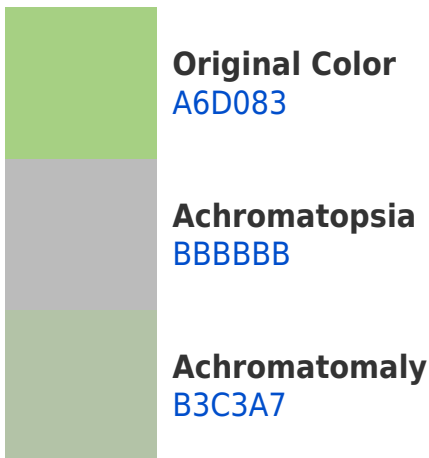


Tritanopia
B2C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6D083 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 #A6D083 looks like.

```
.text, #text, p{  
    color:#A6D083  
}
```

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 #A6D083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D083
}
```

Border

The CSS property to change the border of an element to Hex A6D083 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
#A6D083 }
```

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

```
.border{ border-color:#A6D083 }
```

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

Here you see how a box with a 4 pixel #A6D083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D083; -webkit-box-shadow:4px 4px  
4px 4px #A6D083; box-shadow:4px 4px 4px  
4px #A6D083 }
```

Background

The CSS property to change the background color of an element to Hex A6D083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D083 }
```

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

```
.background{ background-color:#A6D083 }
```

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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