

Converting Colors

Hex(A8E376)

Have a look what the booklet for
Hex(A8E376) contains.

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Color

Hex(A8E376)

Conversions

Conversions Part 1

Format	Color
Hex	A8E376
RGB	168, 227, 118
RGB Percent	66%, 89%, 46%
CMY	0.3412, 0.1098, 0.5373
CMYK	0.26, 0.00, 0.48, 0.11
HSL	92°, 66%, 68%
HSV	92°, 48%, 89%
XYZ	46.8875, 64.5710, 27.1318
YIQ	196.9330, -0.1750, -46.4070

Conversions

Conversions Part 2

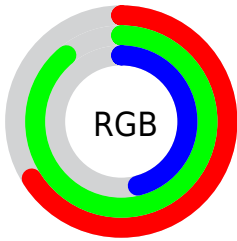
Format	Color
RYB	118, 227, 177
Decimal	11068278
CIELab	84.26, -37.09, 47.01
CIELCh	84, 59.882, 128.274
Yxy	64.5710, 0.3383, 0.4659
Android (android.graphics.Color)	4289258358 (0xFFA8E376)
YUV	196.9330, -38.9140, -25.3742
Hunter-Lab	80.3561, -36.4689, 36.2303

Details

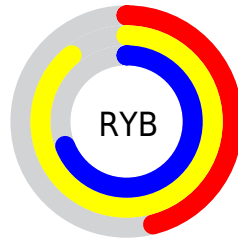
The Hex color **A8E376** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B176E3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **E1FFAC**, and **71AB42** is the 20% darker color. If you saturate the color by 10%, you get **9CE35F**, and if you desaturate by 10%, it is **B4E38D**.

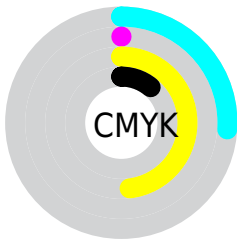
Distribution



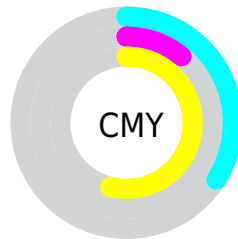
- Red (66%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (34%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8E376 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 A8E376 by changing the saturation by 10% instead.

 A8E376

 A8E376

FFFFFF

 8CC75C

 E1FFAC

 71AB42

 FFFFC8

 569028

 FFFF E5

 3B7608

 1F5D00

 004500

 002E00

 001800

 000000

 A8E376

 A8E376

 9CE35F

 B4E38D

 8FE349

 C1E3A3

 83E332

 CDE3BA

 77E31B

 D9E3D1

 6BE305

 E5E3E8

 68E300

 F2E3FE

 FEE3FF

 FFE3FF

Harmonies

Analogous

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



E5D45E



A8E376



55ECA6

Triad

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



A8E376



00E3FF



FFA2C5

Complementary

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



A8E376



B176E3

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.



FFA9FD



A8E376



8ED3FF

Square

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



A8E376



00ECFF



EBBDFE



FFAC8F

Rectangle

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



A8E376



00EFCD



EBBDFE



FFA3D8

Sweetspot

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



A8E376



ECFFDB



E3B076



74806A



000000



808080

Same Dimension

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



A8E376



AFFF6B



76E37A



6D7367



52B300



173300

Inverse Universe

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



B176E3



BB6BFF



E376DF



6D6773



6100B3



1C0033

Previews

White Background



This preview shows how the Hex color A8E376 looks on a white background.

Color Contrast Check

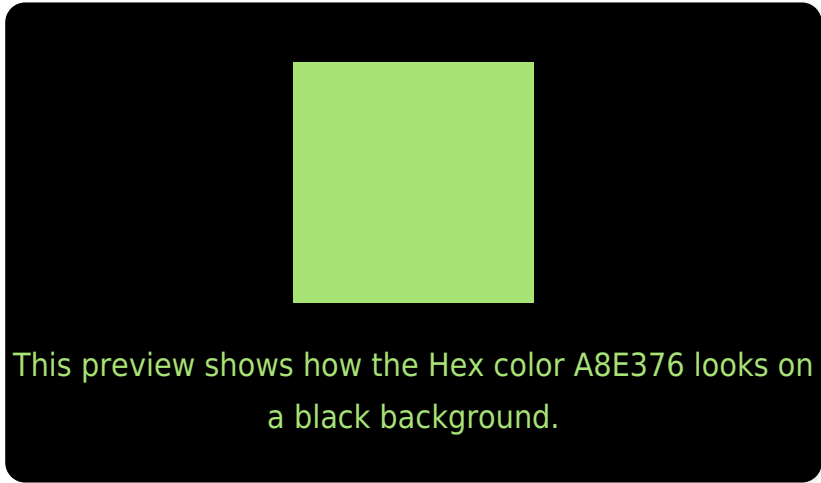
Large Text (above 18pt) WCAG AA × Fail

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 A8E376 Background



This preview shows how black text looks on a background with the Hex color A8E376.

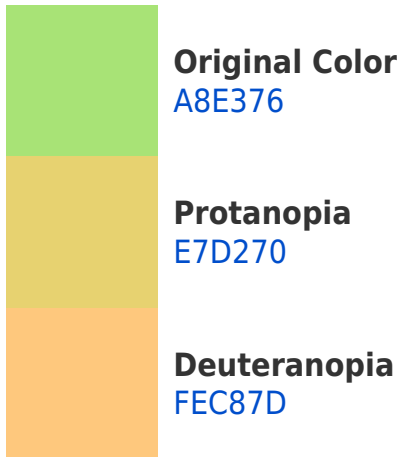


This preview shows how white text looks on a background with the Hex color A8E376.

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](#).

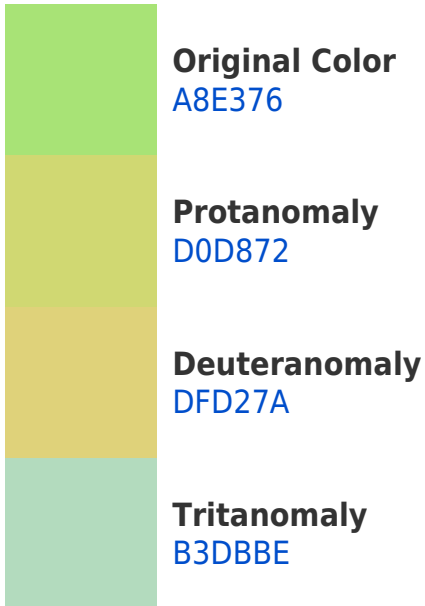
Dichromacy



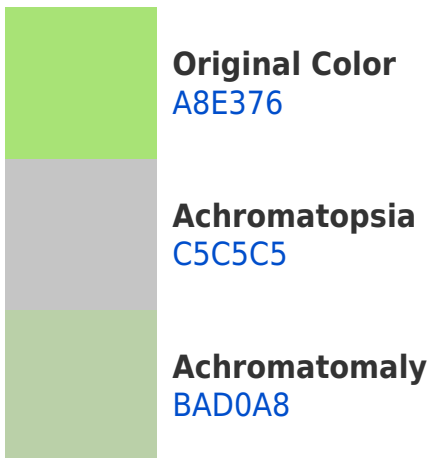


Tritanopia
B9D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8E376 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 #A8E376 looks like.

```
.text, #text, p{  
    color:#A8E376  
}
```

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 #A8E376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8E376
}
```

Border

The CSS property to change the border of an element to Hex A8E376 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
#A8E376 }
```

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

```
.border{ border-color:#A8E376 }
```

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

Here you see how a box with a 4 pixel #A8E376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8E376; -webkit-box-shadow:4px 4px  
4px 4px #A8E376; box-shadow:4px 4px 4px  
4px #A8E376 }
```

Background

The CSS property to change the background color of an element to Hex A8E376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8E376 }
```

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

```
.background{ background-color:#A8E376 }
```

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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