

Converting Colors

Hex(5AE78A)

Have a look what the booklet for
Hex(5AE78A) contains.

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Color

Hex(5AE78A)

Conversions

Conversions Part 1

Format	Color
Hex	5AE78A
RGB	90, 231, 138
RGB Percent	35%, 91%, 54%
CMY	0.6471, 0.0941, 0.4588
CMYK	0.61, 0.00, 0.40, 0.09
HSL	140°, 75%, 63%
HSV	140°, 61%, 91%
XYZ	37.3798, 61.1605, 33.8798
YIQ	178.2390, -54.1830, -58.8150

Conversions

Conversions Part 2

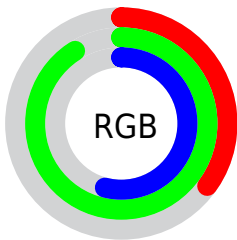
Format	Color
RYB	90, 195, 231
Decimal	5957514
CIELab	82.46, -58.09, 34.24
CIElCh	82, 67.431, 149.483
Yxy	61.1605, 0.2823, 0.4619
Android (android.graphics.Color)	4284147594 (0xFF5AE78A)
YUV	178.2390, -19.8378, -77.3856
Hunter-Lab	78.2052, -51.5412, 29.0582

Details

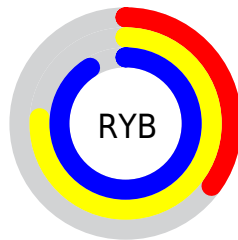
The Hex color **5AE78A** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E75AB7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **98FFC0**, and **00AE57** is the 20% darker color. If you saturate the color by 10%, you get **43E77B**, and if you desaturate by 10%, it is **71E799**.

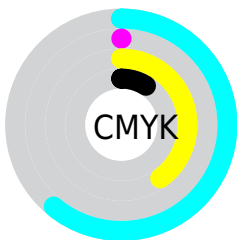
Distribution



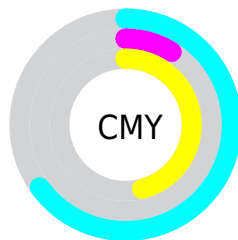
- Red (35%)
- Green (91%)
- Blue (54%)



- Red (35%)
- Yellow (76%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (40%)
- Black (9%)



- Cyan (65%)
- Magenta (9%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AE78A 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 5AE78A by changing the saturation by 10% instead.

 5AE78A

 5AE78A


FFFFFF

 37CA70

 98FFC0

 00AE57

 B6FFDC

 00933E

 D4FFF9

 007826

 F2FFFF

 005E0C

 004500

 002E00

 001000

 000000

 5AE78A

 5AE78A

 43E77B

 71E799

 2CE76C

 88E7A8

 15E75C

 9FE7B8

 00E74F

 B6E7C7

 CEE7D6

 E5E7E5

 FCE7F5

 FFE7FF

Harmonies

Analogous

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



B1DC58



5AE78A



00ECCA

Triad

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



5AE78A



30D4FF



FF9C92

Complementary

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



5AE78A



E75AB7

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.



FF95D1



5AE78A



CDBDFF

Square

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



5AE78A



00E4FF



FFA3FF



FFB260

Rectangle

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



5AE78A



00ECF6



FFA3FF



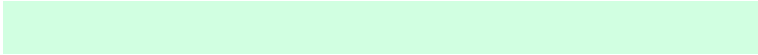
FF97A7

Sweetspot

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



5AE78A



D1FFE1



B8E75A



63806D



000000



808080

Same Dimension

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



5AE78A



45FF84



5AE7CF



67736B



00B33D



003311

Inverse Universe

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



E75AB7



FF45C0



E75A72



73676F



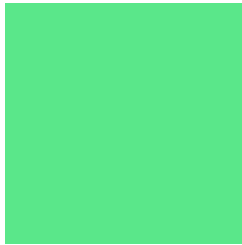
B30076



330022

Previews

White Background



This preview shows how the Hex color 5AE78A 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



This preview shows how the Hex color 5AE78A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

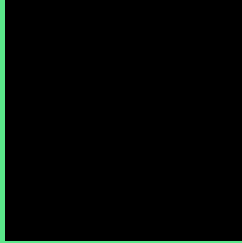
Any Text WCAG AA ✓ Pass

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 5AE78A Background



This preview shows how black text looks on a background with the Hex color 5AE78A.

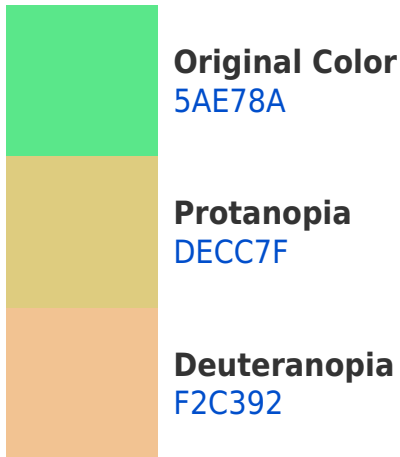


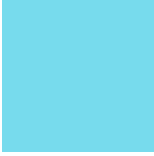
This preview shows how white text looks on a background with the Hex color 5AE78A.

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
77DBED

Trichromacy



Original Color
5AE78A



Protanomaly
AED683



Deuteranomaly
BBD08F



Tritanomaly
6CDFC9

Monochromacy



Original Color
5AE78A



Achromatopsia
B2B2B2



Achromatomaly
92C5A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AE78A 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 #5AE78A looks like.

```
.text, #text, p{  
    color:#5AE78A  
}
```

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 #5AE78A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE78A
}
```

Border

The CSS property to change the border of an element to Hex 5AE78A 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
#5AE78A }
```

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

```
.border{ border-color:#5AE78A }
```

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

Here you see how a box with a 4 pixel #5AE78A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE78A; -webkit-box-shadow:4px 4px  
4px 4px #5AE78A; box-shadow:4px 4px 4px  
4px #5AE78A }
```

Background

The CSS property to change the background color of an element to Hex 5AE78A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE78A }
```

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

```
.background{ background-color:#5AE78A }
```

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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