

Converting Colors

Hex(5DA78E)

Have a look what the booklet for
Hex(5DA78E) contains.

Hex(5DA78E)	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(5DA78E)

Conversions

Conversions Part 1

Format	Color
Hex	5DA78E
RGB	93, 167, 142
RGB Percent	36%, 65%, 56%
CMY	0.6353, 0.3451, 0.4431
CMYK	0.44, 0.00, 0.15, 0.35
HSL	160°, 30%, 51%
HSV	160°, 44%, 65%
XYZ	23.2154, 31.9176, 30.5283
YIQ	142.0240, -36.0790, -23.4630

Conversions

Conversions Part 2

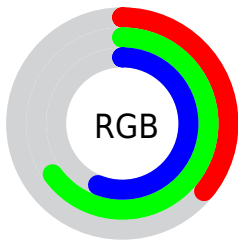
Format	Color
RYB	93, 138, 167
Decimal	6137742
CIELab	63.27, -29.15, 5.78
CIElCh	63, 29.721, 168.788
Yxy	31.9176, 0.2710, 0.3726
Android (android.graphics.Color)	4284327822 (0xFF5DA78E)
YUV	142.0240, -0.0118, -42.9940
Hunter-Lab	56.4956, -25.5175, 7.5087

Details

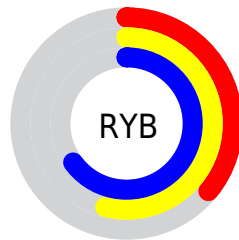
The Hex color **5DA78E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A75D76**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **93DFC4**, and **26735C** is the 20% darker color. If you saturate the color by 10%, you get **4CA788**, and if you desaturate by 10%, it is **6EA794**.

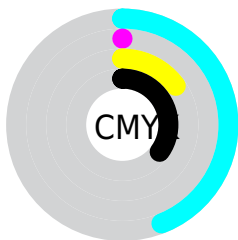
Distribution



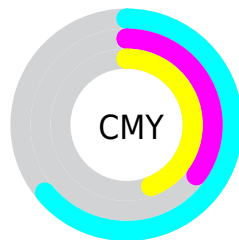
- Red (36%)
- Green (65%)
- Blue (56%)



- Red (36%)
- Yellow (54%)
- Blue (65%)



- Cyan (44%)
- Magenta (0%)
- Yellow (15%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA78E 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 5DA78E by changing the saturation by 10% instead.

 5DA78E

 5DA78E

FFFFFF

 428C74

 93DFC4

 26735C

 AFFBE0

 005A44

 CBFFFC

 00422E

 E8FFFF

 002B19

 001400

 000000

 5DA78E

 5DA78E

 4CA788

 6EA794

■ 3CA783

■ 7EA799

■ 2BA77D

■ 8FA79F

■ 1AA777

■ A0A7A5

■ 09A772

■ B0A7AA

■ 00A76F

■ C1A7B0

■ D2A7B5

■ E3A7BB

■ F3A7C1

Harmonies

Analogous

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



7CA376



5DA78E



43A8A9

Triad

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



5DA78E



8F96CB



C78B72

Complementary

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



5DA78E



A75D76

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.



CE8689



5DA78E



B18DBC

Square

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



5DA78E



669FCC



C786A4



B49466

Rectangle

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



5DA78E



40A6B9



C786A4



CB8979

Sweetspot

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



5DA78E



BDD9CF



77A75D



5C6E68



EDEDED



6E6E6E

Same Dimension

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



5DA78E



66D9B2



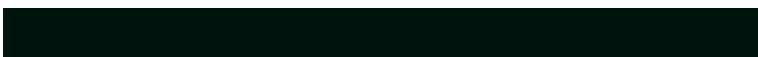
5D9CA7



4C5451



009462



00140E

Inverse Universe

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



A75D76



D9668D



A7685D



544C4F



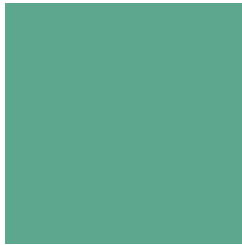
940032



140007

Previews

White Background



This preview shows how the Hex color 5DA78E looks on a white background.

Color Contrast Check

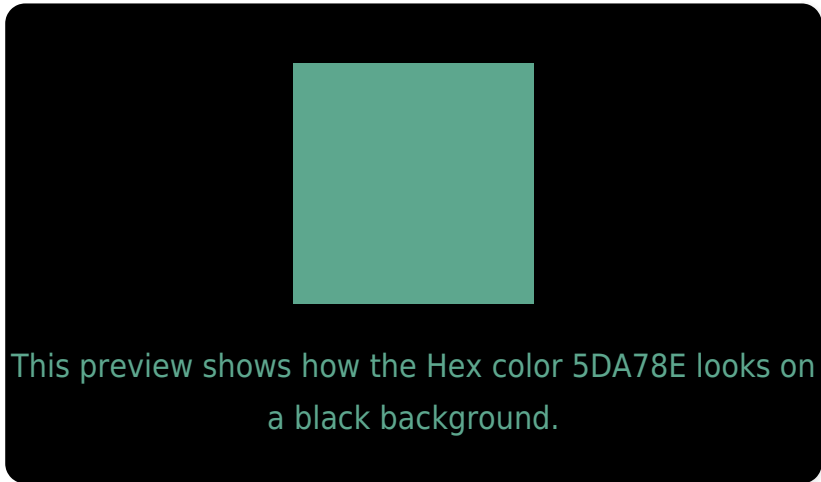
Large Text (above 18pt) WCAG AA × Fail

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

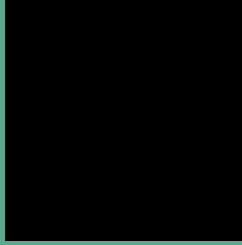
Any Text WCAG AA ✓ Pass

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 5DA78E Background



This preview shows how black text looks on a background with the Hex color 5DA78E.

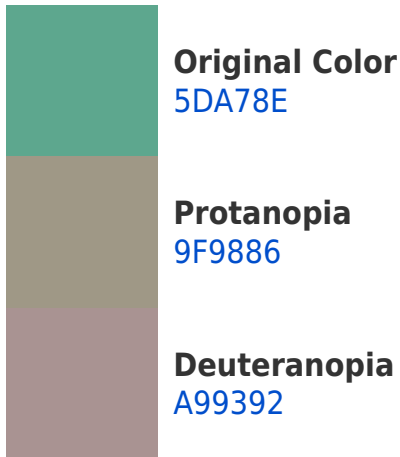


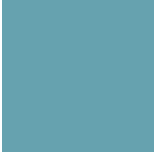
This preview shows how white text looks on a background with the Hex color 5DA78E.

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
66A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA78E 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 #5DA78E looks like.

```
.text, #text, p{  
    color:#5DA78E  
}
```

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 #5DA78E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA78E
}
```

Border

The CSS property to change the border of an element to Hex 5DA78E 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
#5DA78E }
```

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

```
.border{ border-color:#5DA78E }
```

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

Here you see how a box with a 4 pixel #5DA78E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA78E; -webkit-box-shadow:4px 4px  
4px 4px #5DA78E; box-shadow:4px 4px 4px  
4px #5DA78E }
```

Background

The CSS property to change the background color of an element to Hex 5DA78E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA78E }
```

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

```
.background{ background-color:#5DA78E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor