

Converting Colors

Hex(5DA78D)

Have a look what the booklet for
Hex(5DA78D) contains.

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Color

Hex(5DA78D)

Conversions

Conversions Part 1

Format	Color
Hex	5DA78D
RGB	93, 167, 141
RGB Percent	36%, 65%, 55%
CMY	0.6353, 0.3451, 0.4471
CMYK	0.44, 0.00, 0.16, 0.35
HSL	159°, 30%, 51%
HSV	159°, 44%, 65%
XYZ	23.1406, 31.8877, 30.1346
YIQ	141.9100, -35.7580, -23.7740

Conversions

Conversions Part 2

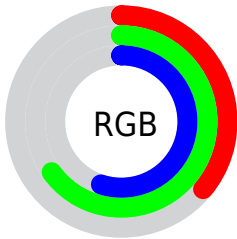
Format	Color
RYB	93, 138, 167
Decimal	6137741
CIELab	63.25, -29.38, 6.30
CIELCh	63, 30.051, 167.895
Yxy	31.8877, 0.2717, 0.3744
Android (android.graphics.Color)	4284327821 (0xFF5DA78D)
YUV	141.9100, -0.4486, -42.8941
Hunter-Lab	56.4692, -25.6731, 7.8885

Details

The Hex color **5DA78D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A75D77**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **93DFC3**, and **27735B** is the 20% darker color. If you saturate the color by 10%, you get **4CA787**, and if you desaturate by 10%, it is **6EA793**.

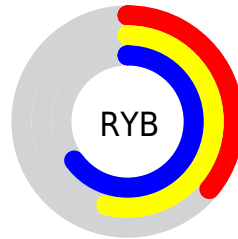
Distribution



Red (36%)

Green (65%)

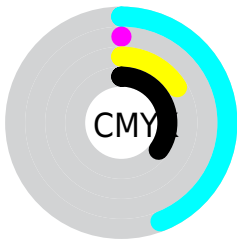
Blue (55%)



Red (36%)

Yellow (54%)

Blue (65%)

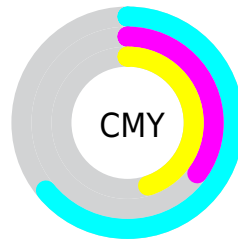


Cyan (44%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA78D 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 5DA78D by changing the saturation by 10% instead.

 5DA78D

 5DA78D


FFFFFF

 428C73

 93DFC3

 27735B

 AFFBDE

 015A43

 CBFFFB

 00422D

 E8FFFF

 002B19

 001300

 000000

 5DA78D

 5DA78D

 4CA787

 6EA793

 3CA781

 7EA799

 2BA77B

 8FA79F

 1AA776

 A0A7A4

 09A770

 B0A7AA

 00A76C

 C1A7B0

 D2A7B6

 E3A7BC

 F3A7C2

Harmonies

Analogous

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



7DA374



5DA78D



42A8A9

Triad

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



5DA78D



8D96CC



C88B73

Complementary

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



5DA78D



A75D77

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.



CE858A



5DA78D



B08DBD

Square

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



5DA78D



649FCD



C786A5



B59465

Rectangle

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



5DA78D



3EA6B9



C786A5



CB897A

Sweetspot

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



5DA78D



BDD9CF



78A75D



5C6E67



EDEDED



6E6E6E

Same Dimension

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



5DA78D



66D9B0



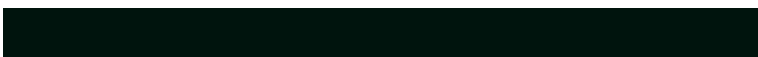
5D9DA7



4C5451



009460



00140D

Inverse Universe

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



A75D77



D9668E



A7675D



544C4F



940034



140007

Previews

White Background



This preview shows how the Hex color 5DA78D looks on a white background.

Color Contrast Check

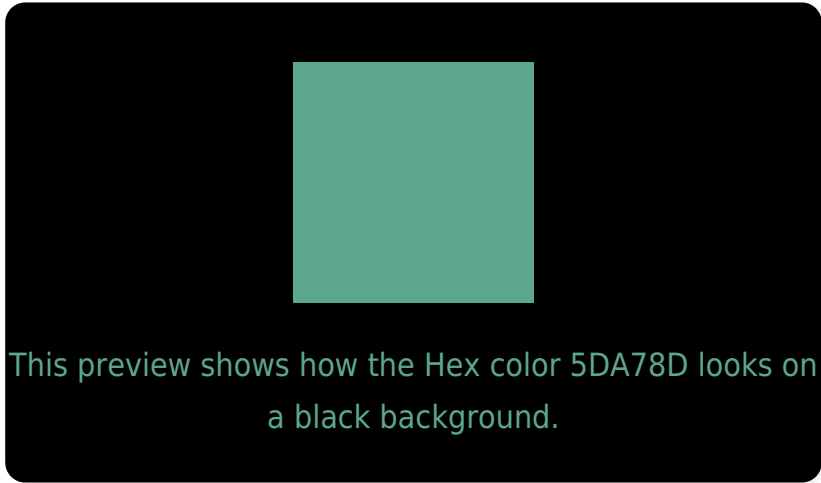
Large Text (above 18pt) WCAG AA × Fail

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 5DA78D Background



This preview shows how black text looks on a background with the Hex color 5DA78D.

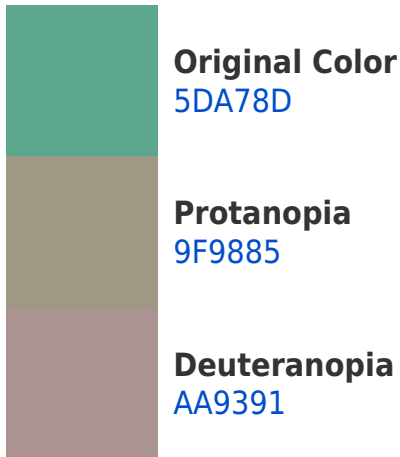


This preview shows how white text looks on a background with the Hex color 5DA78D.

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



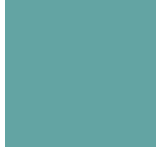
Original Color
5DA78D



Protanomaly
879D88



Deuteranomaly
8E9A90



Tritanomaly
63A4A3

Monochromacy



Original Color
5DA78D



Achromatopsia
8E8E8E



Achromatomaly
7C978E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA78D 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 #5DA78D looks like.

```
.text, #text, p{  
    color:#5DA78D  
}
```

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 #5DA78D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA78D
}
```

Border

The CSS property to change the border of an element to Hex 5DA78D 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
#5DA78D }
```

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

```
.border{ border-color:#5DA78D }
```

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

Here you see how a box with a 4 pixel #5DA78D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA78D; -webkit-box-shadow:4px 4px  
4px 4px #5DA78D; box-shadow:4px 4px 4px  
4px #5DA78D }
```

Background

The CSS property to change the background color of an element to Hex 5DA78D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA78D }
```

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

```
.background{ background-color:#5DA78D }
```

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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