

Converting Colors

Hex(5DAE7C)

Have a look what the booklet for
Hex(5DAE7C) contains.

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Color

Hex(5DAE7C)

Conversions

Conversions Part 1

Format	Color
Hex	5DAE7C
RGB	93, 174, 124
RGB Percent	36%, 68%, 49%
CMY	0.6353, 0.3176, 0.5137
CMYK	0.47, 0.00, 0.29, 0.32
HSL	143°, 33%, 52%
HSV	143°, 47%, 68%
XYZ	23.2883, 34.0545, 24.4145
YIQ	144.0810, -32.2260, -32.7220

Conversions

Conversions Part 2

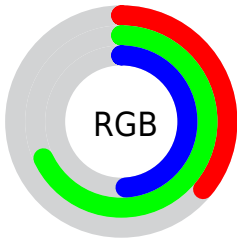
Format	Color
RYB	93, 152, 174
Decimal	6139516
CIELab	65.01, -36.29, 18.16
CIELCh	65, 40.579, 153.414
Yxy	34.0545, 0.2848, 0.4165
Android (android.graphics.Color)	4284329596 (0xFF5DAE7C)
YUV	144.0810, -9.8999, -44.7980
Hunter-Lab	58.3562, -30.8890, 16.0442

Details

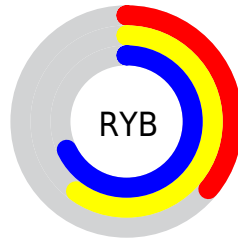
The Hex color **5DAE7C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE5D8F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **93E6B1**, and **25794B** is the 20% darker color. If you saturate the color by 10%, you get **4CAE71**, and if you desaturate by 10%, it is **6EAE87**.

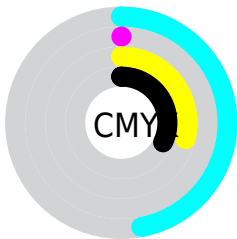
Distribution



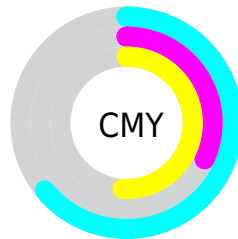
- Red (36%)
- Green (68%)
- Blue (49%)



- Red (36%)
- Yellow (60%)
- Blue (68%)



- Cyan (47%)
- Magenta (0%)
- Yellow (29%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DAE7C 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 5DAE7C by changing the saturation by 10% instead.

 5DAE7C

 5DAE7C

FFFFFF

 429363

 93E6B1

 25794B

 AFFFC

 006034

 CCFFE9

 00471E

 E9FFF

 003007

 001A00

 000000

 5DAE7C

 5DAE7C

 4CAE71

 6EAE87

 3AAE67

 80AE91

 29AE5C

 91AE9C

 17AE51

 A3AEA7

 06AE46

 B4AEB2

 00AE43

 C5AEBC

 D7AEC7

 E8AED2

 FAAEDD

Harmonies

Analogous

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



8BA75F



5DAE7C



13B1A1

Triad

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



5DAE7C



6CA0E6



E18578

Complementary

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



5DAE7C



AE5D8F

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.



E2809B



5DAE7C



A793DA

Square

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



5DAE7C



01AADE



CF86BF



CF905D

Rectangle

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



5DAE7C



00B0B9



CF86BF



E38283

Sweetspot

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



5DAE7C



C3E3CF



90AE5D



5F7367



F2F2F2



737373

Same Dimension

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



5DAE7C



64E394



5DAEA3



4E5751



00963A



001709

Inverse Universe

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



AE5D8F



E364B2



AE5D68



574E53



96005D



17000E

Previews

White Background



This preview shows how the Hex color 5DAE7C looks on a white background.

Color Contrast Check

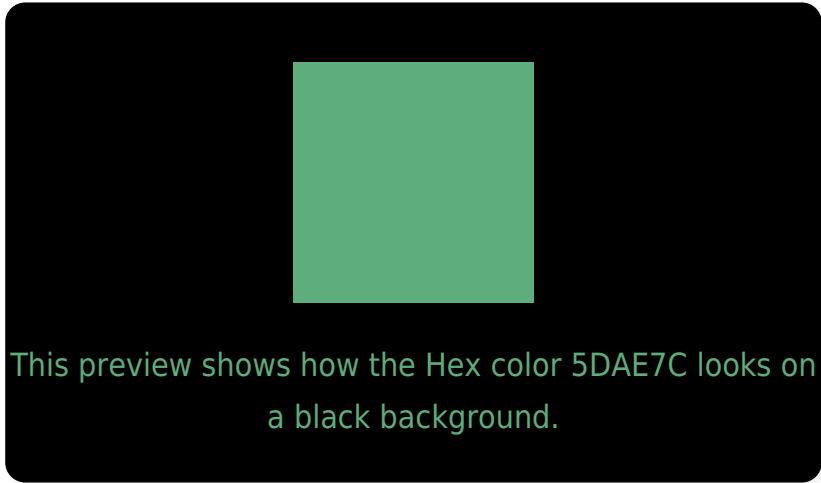
Large Text (above 18pt) WCAG AA × Fail

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

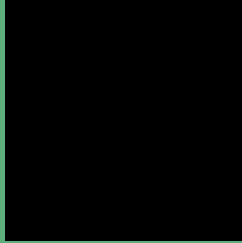
Any Text WCAG AA ✓ Pass

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 5DAE7C Background



This preview shows how black text looks on a background with the Hex color 5DAE7C.

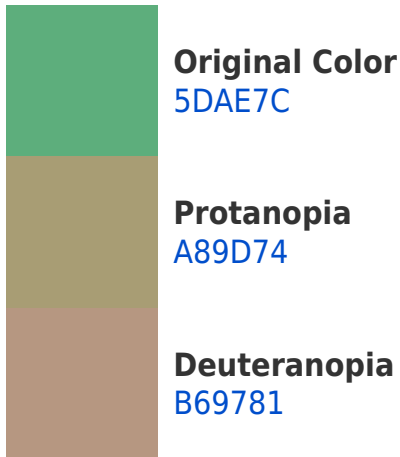


This preview shows how white text looks on a background with the Hex color 5DAE7C.

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](#).

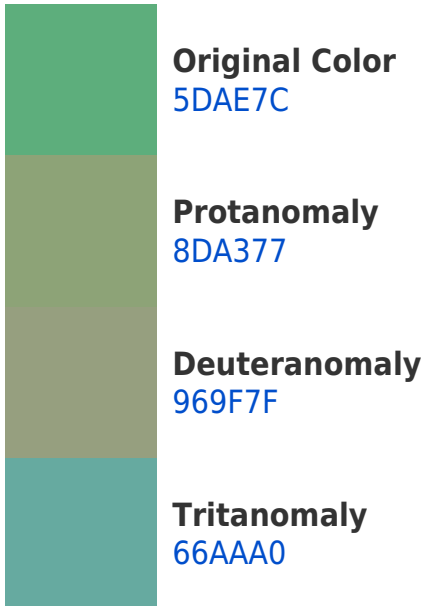
Dichromacy



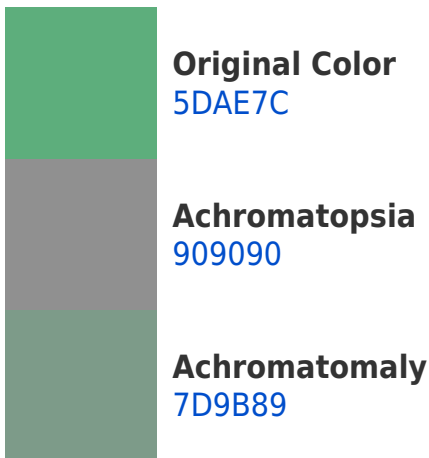


Tritanopia
6BA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DAE7C 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 #5DAE7C looks like.

```
.text, #text, p{  
    color:#5DAE7C  
}
```

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 #5DAE7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAE7C
}
```

Border

The CSS property to change the border of an element to Hex 5DAE7C 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
#5DAE7C }
```

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

```
.border{ border-color:#5DAE7C }
```

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

Here you see how a box with a 4 pixel #5DAE7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAE7C; -webkit-box-shadow:4px 4px  
4px 4px #5DAE7C; box-shadow:4px 4px 4px  
4px #5DAE7C }
```

Background

The CSS property to change the background color of an element to Hex 5DAE7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAE7C }
```

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

```
.background{ background-color:#5DAE7C }
```

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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