

Converting Colors

Hex(5DAE83)

Have a look what the booklet for
Hex(5DAE83) contains.

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Color

Hex(5DAE83)

Conversions

Conversions Part 1

Format	Color
Hex	5DAE83
RGB	93, 174, 131
RGB Percent	36%, 68%, 51%
CMY	0.6353, 0.3176, 0.4863
CMYK	0.47, 0.00, 0.25, 0.32
HSL	148°, 33%, 52%
HSV	148°, 47%, 68%
XYZ	23.7470, 34.2380, 26.8297
YIQ	144.8790, -34.4730, -30.5450

Conversions

Conversions Part 2

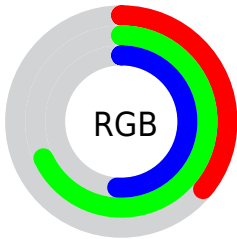
Format	Color
RYB	93, 148, 174
Decimal	6139523
CIELab	65.15, -34.87, 14.53
CIELCh	65, 37.780, 157.382
Yxy	34.2380, 0.2800, 0.4037
Android (android.graphics.Color)	4284329603 (0xFF5DAE83)
YUV	144.8790, -6.8423, -45.4979
Hunter-Lab	58.5132, -29.9557, 13.7733

Details

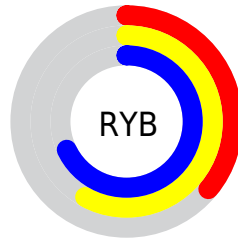
The Hex color **5DAE83** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE5D88**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **93E6B8**, and **257951** is the 20% darker color. If you saturate the color by 10%, you get **4CAE7A**, and if you desaturate by 10%, it is **6EAE8C**.

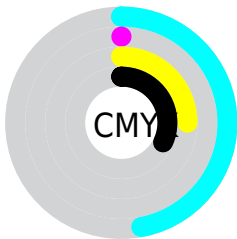
Distribution



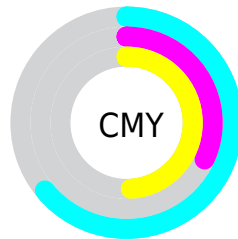
- Red (36%)
- Green (68%)
- Blue (51%)



- Red (36%)
- Yellow (58%)
- Blue (68%)



- Cyan (47%)
- Magenta (0%)
- Yellow (25%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DAE83 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 5DAE83 by changing the saturation by 10% instead.

 5DAE83

 5DAE83

FFFFFF

 42936A

 93E6B8

 257951

 AFFFD4

 00603A

 CCFFF0

 004724

 E9FFFF

 003010

 001B00

 000000

 5DAE83

 5DAE83

 4CAE7A

 6EAE8C

 3AAE71

 80AE95

 29AE67

 91AE9F

 17AE5E

 A3AEA8

 06AE55

 B4AEB1

 00AE52

 C5AEBA

 D7AEC4

 E8AECD

 FAAED6

Harmonies

Analogous

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



87A867



5DAE83



25B0A6

Triad

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



5DAE83



7A9FE1



DC8877

Complementary

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



5DAE83



AE5D88

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.



DF8397



5DAE83



AD92D4

Square

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



5DAE83



38A9DC



CF87B9



C99360

Rectangle

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



5DAE83



00AFBC



CF87B9



DF8681

Sweetspot

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



5DAE83



C3E3D2



88AE5D



5F7368



F2F2F2



737373

Same Dimension

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



5DAE83



64E39F



5DAEAB



4E5752



009647



00170B

Inverse Universe

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



AE5D88



E364A7



AE5D60



574E53



960050



17000C

Previews

White Background



This preview shows how the Hex color 5DAE83 looks on a white background.

Color Contrast Check

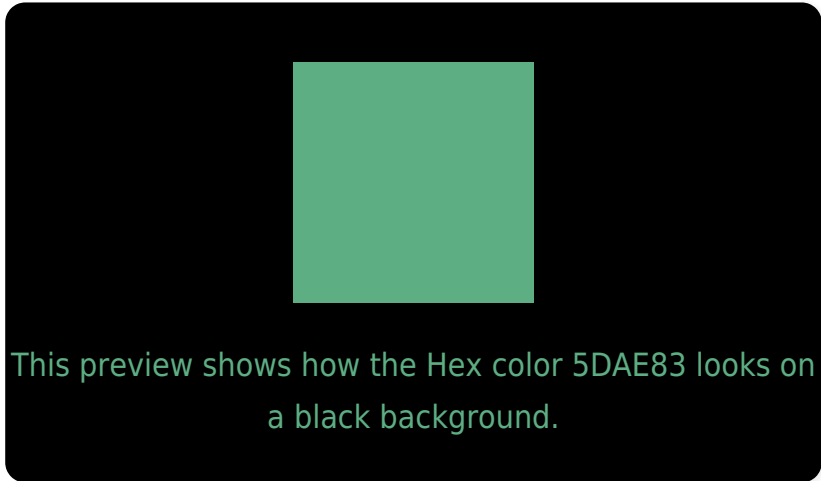
Large Text (above 18pt) WCAG AA × Fail

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

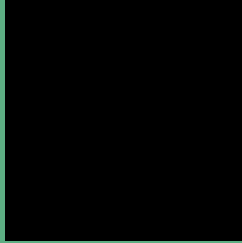
Any Text WCAG AA ✓ Pass

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 5DAE83 Background



This preview shows how black text looks on a background with the Hex color 5DAE83.

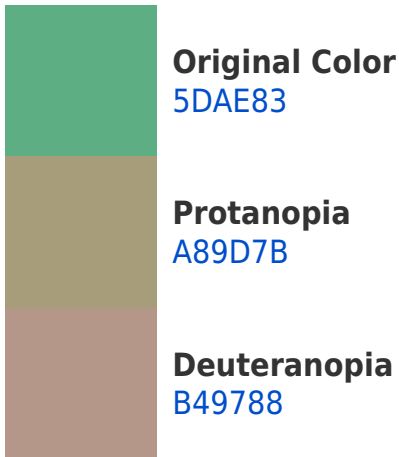


This preview shows how white text looks on a background with the Hex color 5DAE83.

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](#).

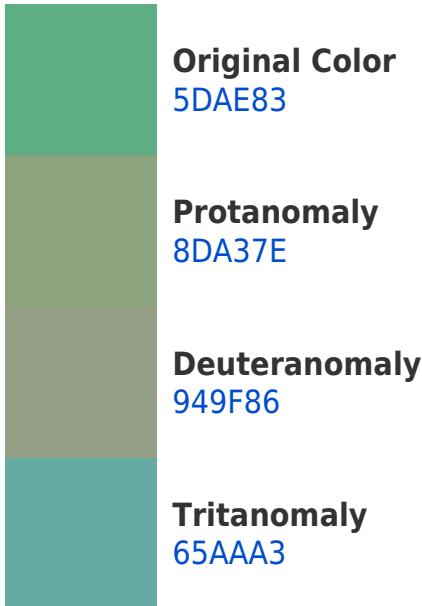
Dichromacy



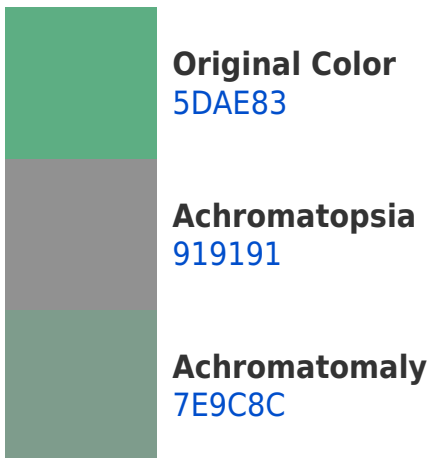


Tritanopia
6AA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DAE83 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 #5DAE83 looks like.

```
.text, #text, p{  
    color:#5DAE83  
}
```

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 #5DAE83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAE83
}
```

Border

The CSS property to change the border of an element to Hex 5DAE83 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
#5DAE83 }
```

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

```
.border{ border-color:#5DAE83 }
```

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

Here you see how a box with a 4 pixel #5DAE83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAE83; -webkit-box-shadow:4px 4px  
4px 4px #5DAE83; box-shadow:4px 4px 4px  
4px #5DAE83 }
```

Background

The CSS property to change the background color of an element to Hex 5DAE83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAE83 }
```

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

```
.background{ background-color:#5DAE83 }
```

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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