

Converting Colors

Hex(5AE183)

Have a look what the booklet for
Hex(5AE183) contains.

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Color

Hex(5AE183)

Conversions

Conversions Part 1

Format	Color
Hex	5AE183
RGB	90, 225, 131
RGB Percent	35%, 88%, 51%
CMY	0.6471, 0.1176, 0.4863
CMYK	0.60, 0.00, 0.42, 0.12
HSL	138°, 69%, 62%
HSV	138°, 60%, 88%
XYZ	35.2384, 57.6628, 30.7455
YIQ	173.9190, -50.2860, -57.8540

Conversions

Conversions Part 2

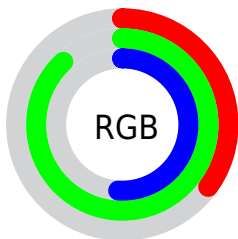
Format	Color
RYB	90, 194, 225
Decimal	5955971
CIELab	80.55, -56.97, 35.26
CIELCh	81, 67.000, 148.250
Yxy	57.6628, 0.2850, 0.4664
Android (android.graphics.Color)	4284146051 (0xFF5AE183)
YUV	173.9190, -21.1591, -73.5970
Hunter-Lab	75.9360, -50.0544, 29.1495

Details

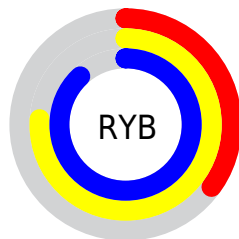
The Hex color **5AE183** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **E15AB8**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **97FFB9**, and **00A950** is the 20% darker color. If you saturate the color by 10%, you get **44E173**, and if you desaturate by 10%, it is **71E193**.

Distribution



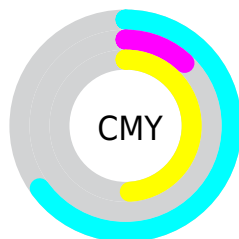
- Red (35%)
- Green (88%)
- Blue (51%)



- Red (35%)
- Yellow (76%)
- Blue (88%)



- Cyan (60%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)



- Cyan (65%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AE183 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 5AE183 by changing the saturation by 10% instead.

 5AE183

 5AE183

FFFFFF

 38C469

 97FFB9

 00A950

 B5FFD5

 008D37

 D3FFF2

 00731F

 F1FFFF

 005904

 004000

 002900

 000400

 000000

 5AE183

 5AE183

 44E173

 71E193

 2DE164

 87E1A2

 17E154

 9EE1B2

 00E144

 B4E1C2

 CBE1D1

 E1E1E1

 F8E1F1

 FFE1FF

Harmonies

Analogous

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



AFD652



5AE183



00E6C2

Triad

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



5AE183



01D0FF



FF9690

Complementary

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



5AE183



E15AB8

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.



FF90CE



5AE183



C4B9FF

Square

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



5AE183



00DFFF



FF9FFF



FFAC5D

Rectangle

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



5AE183



00E7ED



FF9FFF



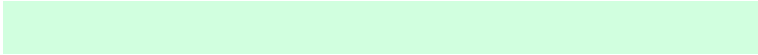
FF92A4

Sweetspot

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



5AE183



D1FFDF



B9E15A



63806C



000000



808080

Same Dimension

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



5AE183



47FF7F



5AE1C6



657068



00B035



00300F

Inverse Universe

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



E15AB8



FF47C7



E15A75



70656D



B0007B



300022

Previews

White Background



This preview shows how the Hex color 5AE183 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 5AE183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

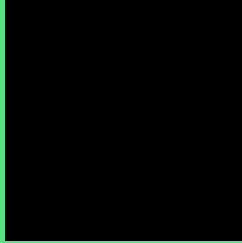
Any Text WCAG AA ✓ Pass

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 5AE183 Background



This preview shows how black text looks on a background with the Hex color 5AE183.

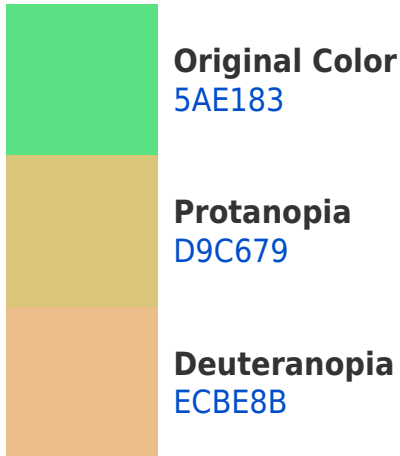


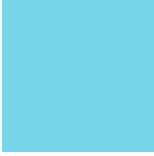
This preview shows how white text looks on a background with the Hex color 5AE183.

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



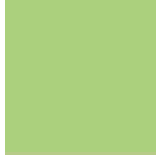


Tritanopia
76D5E7

Trichromacy



Original Color
5AE183



Protanomaly
ABD07D



Deuteranomaly
B7CB88



Tritanomaly
6CD9C3

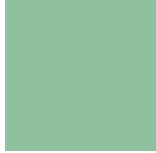
Monochromacy



Original Color
5AE183



Achromatopsia
AEAEAE



Achromatomaly
8FC19E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AE183 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 #5AE183 looks like.

```
.text, #text, p{  
    color:#5AE183  
}
```

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 #5AE183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE183
}
```

Border

The CSS property to change the border of an element to Hex 5AE183 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
#5AE183 }
```

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

```
.border{ border-color:#5AE183 }
```

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

Here you see how a box with a 4 pixel #5AE183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE183; -webkit-box-shadow:4px 4px  
4px 4px #5AE183; box-shadow:4px 4px 4px  
4px #5AE183 }
```

Background

The CSS property to change the background color of an element to Hex 5AE183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE183 }
```

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

```
.background{ background-color:#5AE183 }
```

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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