

Converting Colors

Hex(5EA169)

Have a look what the booklet for
Hex(5EA169) contains.

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Color

Hex(5EA169)

Conversions

Conversions Part 1

Format	Color
Hex	5EA169
RGB	94, 161, 105
RGB Percent	37%, 63%, 41%
CMY	0.6314, 0.3686, 0.5882
CMYK	0.42, 0.00, 0.35, 0.37
HSL	130°, 26%, 50%
HSV	130°, 42%, 63%
XYZ	19.9108, 28.8893, 17.8914
YIQ	134.5830, -21.9560, -31.6200

Conversions

Conversions Part 2

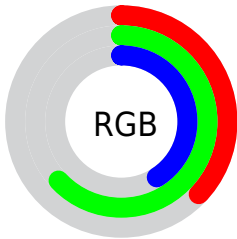
Format	Color
RYB	94, 152, 161
Decimal	6201705
CIELab	60.68, -33.58, 22.67
CIElCh	61, 40.517, 145.979
Yxy	28.8893, 0.2986, 0.4332
Android (android.graphics.Color)	4284391785 (0xFF5EA169)
YUV	134.5830, -14.5844, -35.5913
Hunter-Lab	53.7488, -27.9367, 17.8883

Details

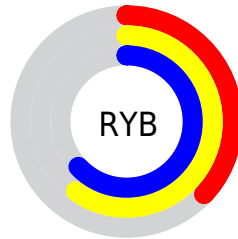
The Hex color **5EA169** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A15E96**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **93D89D**, and **296D39** is the 20% darker color. If you saturate the color by 10%, you get **4EA15C**, and if you desaturate by 10%, it is **6EA176**.

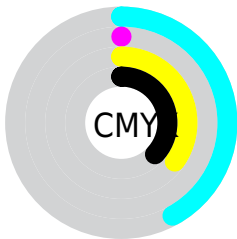
Distribution



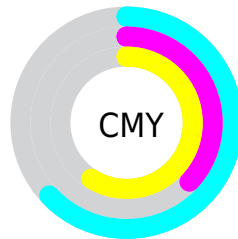
- Red (37%)
- Green (63%)
- Blue (41%)



- Red (37%)
- Yellow (60%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (35%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA169 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 5EA169 by changing the saturation by 10% instead.

 5EA169

 5EA169

FFFFFF

 448651

 93D89D

 296D39

 AFF5B8

 095423

 CBFFD3

 003C0D

 E8FFF0

 002700

 000500

 000000

 5EA169

 5EA169

 4EA15C

 6EA176

 3EA14E

 7EA184

 2EA141

 8EA191

 1EA133

 9EA19F

 0DA126

 AFA1AC

 00A11A

 BFA1BA

 CFA1C7

 DFA1D5

 EFA1E2

Harmonies

Analogous

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



899A50



5EA169



1BA58C

Triad

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



5EA169



4D97D9



D67875

Complementary

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



5EA169



A15E96

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.



D27699



5EA169



8E8BD3

Square

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



5EA169



00A0CD



BA7EBB



C88258

Rectangle

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



5EA169



00A5A5



BA7EBB



D77680

Sweetspot

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



5EA169



B8D1BC



97A15E



5A695C



E8E8E8



696969

Same Dimension

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



5EA169



69D17A



5EA18A



49524B



009118



001203

Inverse Universe

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



A15E96



D169C0



A15E75



524950



910079



12000F

Previews

White Background



This preview shows how the Hex color 5EA169 looks on a white background.

Color Contrast Check

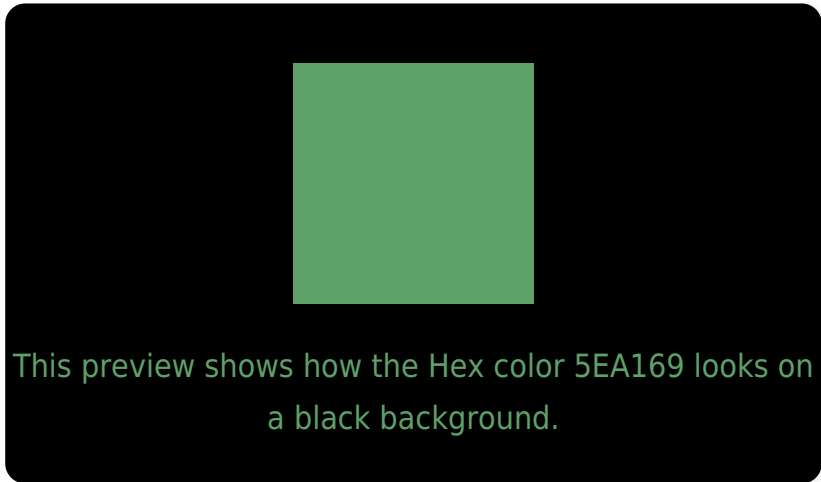
Large Text (above 18pt) WCAG AA ✓ Pass

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

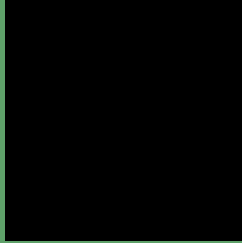
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5EA169 Background



This preview shows how black text looks on a background with the Hex color 5EA169.

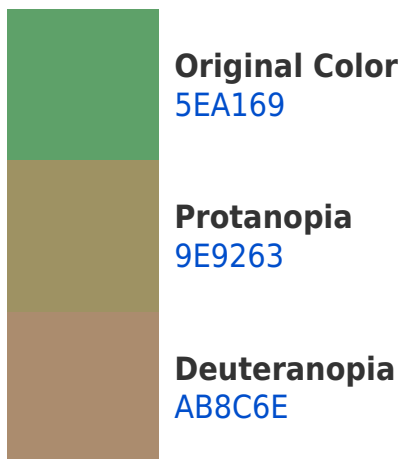


This preview shows how white text looks on a background with the Hex color 5EA169.

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
6B99A6

Trichromacy



Original Color
5EA169

Protanomaly
879765

Deuteranomaly
8F946C

Tritanomaly
669C90

Monochromacy



Original Color
5EA169

Achromatopsia
878787

Achromatomaly
78907C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA169 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 #5EA169 looks like.

```
.text, #text, p{  
    color:#5EA169  
}
```

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 #5EA169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA169
}
```

Border

The CSS property to change the border of an element to Hex 5EA169 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
#5EA169 }
```

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

```
.border{ border-color:#5EA169 }
```

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

Here you see how a box with a 4 pixel #5EA169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA169; -webkit-box-shadow:4px 4px  
4px 4px #5EA169; box-shadow:4px 4px 4px  
4px #5EA169 }
```

Background

The CSS property to change the background color of an element to Hex 5EA169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA169 }
```

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

```
.background{ background-color:#5EA169 }
```

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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