

Converting Colors

Hex(5EA681)

Have a look what the booklet for
Hex(5EA681) contains.

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Color

Hex(5EA681)

Conversions

Conversions Part 1

Format	Color
Hex	5EA681
RGB	94, 166, 129
RGB Percent	37%, 65%, 51%
CMY	0.6314, 0.3490, 0.4941
CMYK	0.43, 0.00, 0.22, 0.35
HSL	149°, 29%, 51%
HSV	149°, 43%, 65%
XYZ	22.2148, 31.2371, 25.6274
YIQ	140.2540, -31.0350, -26.7710

Conversions

Conversions Part 2

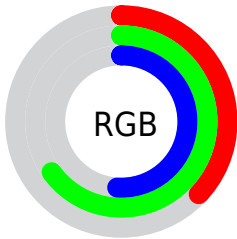
Format	Color
RYB	94, 142, 166
Decimal	6203009
CIELab	62.71, -31.26, 12.22
CIELCh	63, 33.567, 158.655
Yxy	31.2371, 0.2809, 0.3950
Android (android.graphics.Color)	4284393089 (0xFF5EA681)
YUV	140.2540, -5.5482, -40.5648
Hunter-Lab	55.8902, -26.8591, 11.9368

Details

The Hex color **5EA681** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A65E83**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **94DDB6**, and **297250** is the 20% darker color. If you saturate the color by 10%, you get **4DA678**, and if you desaturate by 10%, it is **6FA68A**.

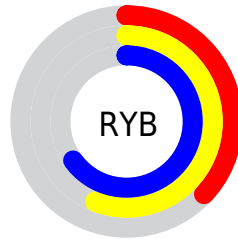
Distribution



Red (37%)

Green (65%)

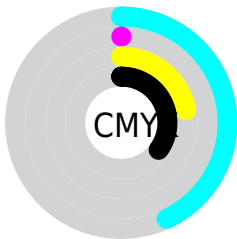
Blue (51%)



Red (37%)

Yellow (56%)

Blue (65%)

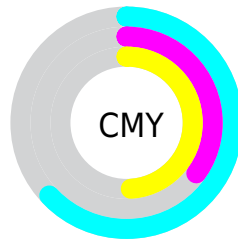


Cyan (43%)

Magenta (0%)

Yellow (22%)

Black (35%)



Cyan (63%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA681 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 5EA681 by changing the saturation by 10% instead.



5EA681



5EA681

FFFFFF



448B68



94DDB6



297250



AFFAD2



065939



CCFFEE



004123



E8FFFF



002A0E



001100



000000



5EA681



5EA681



4DA678



6FA68A

 3DA670

 7FA692

 2CA667

 90A69B

 1CA65F

 A0A6A3

 0BA656

 B1A6AC

 00A651

 C2A6B4

 D2A6BD

 E3A6C5

 F3A6CE

Harmonies

Analogous

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



83A168



5EA681



36A8A0

Triad

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



5EA681



7B98D2



CE8574

Complementary

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



5EA681



A65E83

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.



D28190



5EA681



A68DC6

Square

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



5EA681



49A1CF



C484AE



BE8E61

Rectangle

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



5EA681



21A7B3



C484AE



D1837D

Sweetspot

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



5EA681



BDD9CA



83A65E



5C6E65



EDEDED



6E6E6E

Same Dimension

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



5EA681



68D99F



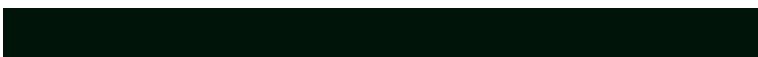
5EA6A5



4C5450



009448



00140A

Inverse Universe

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



A65E83



D968A2



A65E5F



544C50



94004C



14000A

Previews

White Background



This preview shows how the Hex color 5EA681 looks on a white background.

Color Contrast Check

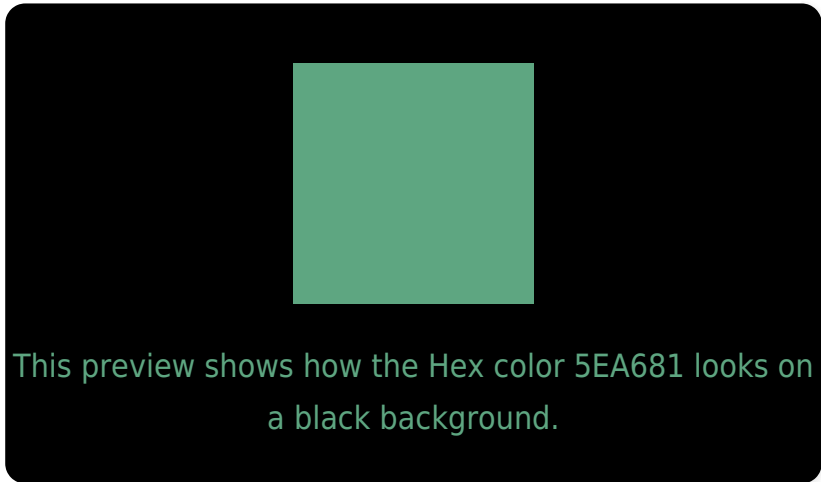
Large Text (above 18pt) WCAG AA × Fail

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

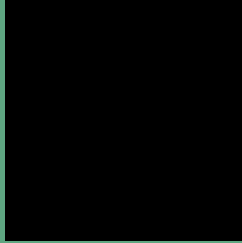
Any Text WCAG AA ✓ Pass

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 5EA681 Background



This preview shows how black text looks on a background with the Hex color 5EA681.

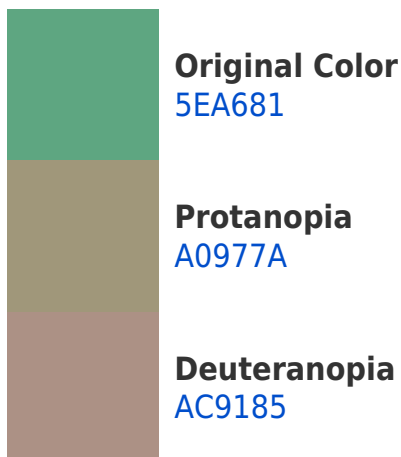


This preview shows how white text looks on a background with the Hex color 5EA681.

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](#).

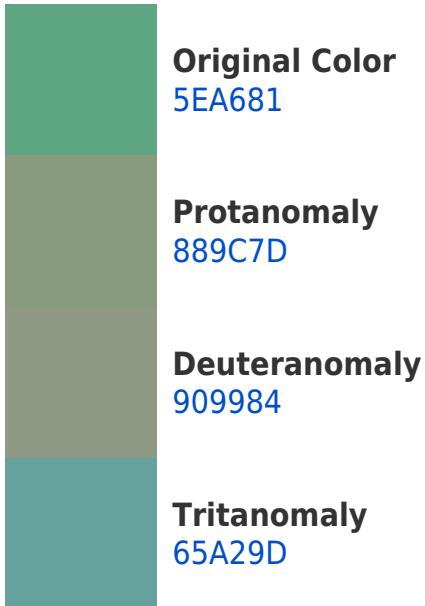
Dichromacy





Tritanopia
69A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA681 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 #5EA681 looks like.

```
.text, #text, p{  
    color:#5EA681  
}
```

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 #5EA681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA681
}
```

Border

The CSS property to change the border of an element to Hex 5EA681 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
#5EA681 }
```

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

```
.border{ border-color:#5EA681 }
```

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

Here you see how a box with a 4 pixel #5EA681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA681; -webkit-box-shadow:4px 4px  
4px 4px #5EA681; box-shadow:4px 4px 4px  
4px #5EA681 }
```

Background

The CSS property to change the background color of an element to Hex 5EA681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA681 }
```

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

```
.background{ background-color:#5EA681 }
```

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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