

Converting Colors

Hex(5EC944)

Have a look what the booklet for
Hex(5EC944) contains.

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Color

Hex(5EC944)

Conversions

Conversions Part 1

Format	Color
Hex	5EC944
RGB	94, 201, 68
RGB Percent	37%, 79%, 27%
CMY	0.6314, 0.2118, 0.7333
CMYK	0.53, 0.00, 0.66, 0.21
HSL	108°, 55%, 53%
HSV	108°, 66%, 79%
XYZ	26.5461, 44.5703, 12.6727
YIQ	153.8450, -21.0790, -64.0470

Conversions

Conversions Part 2

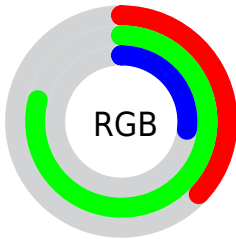
Format	Color
RYB	68, 201, 175
Decimal	6211908
CIELab	72.61, -55.10, 55.12
CIELCh	73, 77.940, 134.987
Yxy	44.5703, 0.3168, 0.5319
Android (android.graphics.Color)	4284401988 (0xFF5EC944)
YUV	153.8450, -42.3216, -52.4841
Hunter-Lab	66.7610, -45.8550, 35.4782

Details

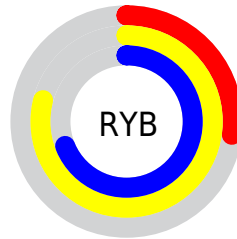
The Hex color **5EC944** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **AF44C9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **99FF7A**, and **169200** is the 20% darker color. If you saturate the color by 10%, you get **4EC930**, and if you desaturate by 10%, it is **6EC958**.

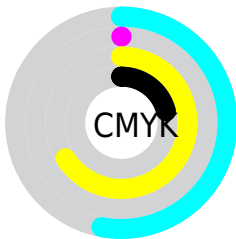
Distribution



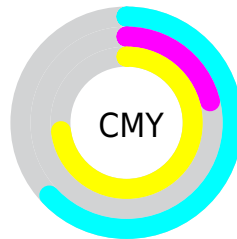
- Red (37%)
- Green (79%)
- Blue (27%)



- Red (27%)
- Yellow (79%)
- Blue (69%)



- Cyan (53%)
- Magenta (0%)
- Yellow (66%)
- Black (21%)



- Cyan (63%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EC944 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 5EC944 by changing the saturation by 10% instead.



5EC944



5EC944

FFFFFF



3FAD28



99FF7A



169200



B6FF95



007700



D4FFB1



005E00



F2FFCD



004500



FFFEEA



002F00



001100



000000



5EC944



5EC944

 4EC930

 6EC958

 3EC91C

 7EC96C

 2DC908

 8FC980

 27C900

 9FC994

 AFC9A9

 BFC9BD

 CFC9D1

 DFC9E5

 F0C9F9

Harmonies

Analogous

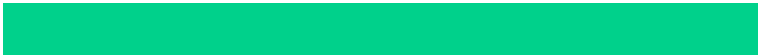
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B3BA00



5EC944



00D18B

Triad

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



5EC944



00C4FF



FF6A91

Complementary

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



5EC944



AF44C9

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.



FF70D9



5EC944



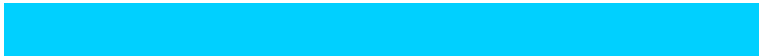
5EAEFF

Square

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



5EC944



00D0FF



E28EFF



FF834F

Rectangle

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



5EC944



00D3BC



E28EFF



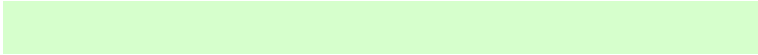
FF68A9

Sweetspot

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



5EC944



D6FFCC



C9AE44



678061



000000



808080

Same Dimension

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



5EC944



5DFF36



44C96C



5B635A



20A300



072400

Inverse Universe

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



AF44C9



D836FF



C944A1



625A63



8300A3



1D0024

Previews

White Background



This preview shows how the Hex color 5EC944 looks on a white background.

Color Contrast Check

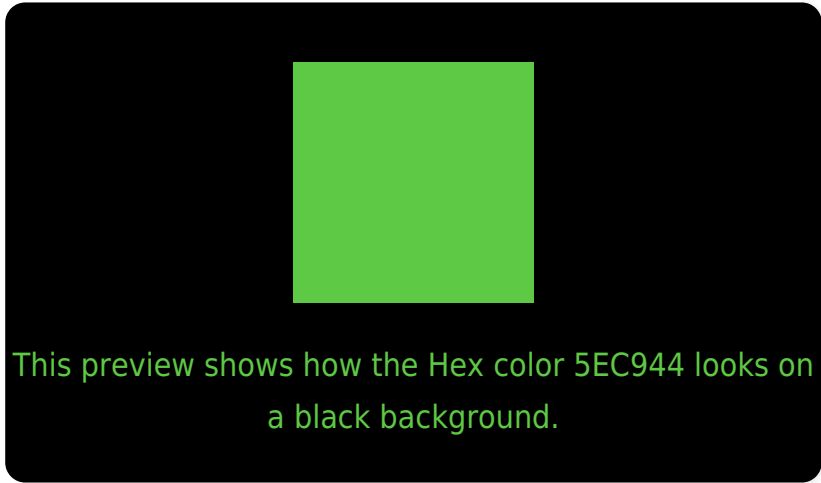
Large Text (above 18pt) WCAG AA × Fail

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 5EC944 Background



This preview shows how black text looks on a background with the Hex color 5EC944.

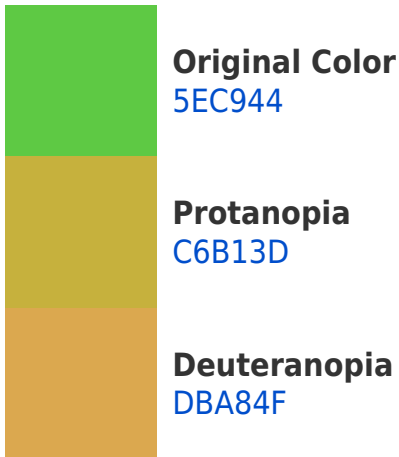


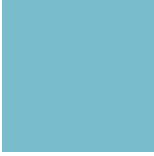
This preview shows how white text looks on a background with the Hex color 5EC944.

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
79BCCB

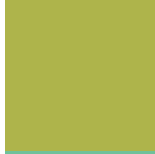
Trichromacy



Original Color
5EC944



Protanomaly
A0BA40



Deuteranomaly
AEB44B



Tritanomaly
6FC19A

Monochromacy



Original Color
5EC944



Achromatopsia
9A9A9A



Achromatomaly
84AB7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EC944 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 #5EC944 looks like.

```
.text, #text, p{  
    color:#5EC944  
}
```

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 #5EC944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC944
}
```

Border

The CSS property to change the border of an element to Hex 5EC944 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
#5EC944 }
```

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

```
.border{ border-color:#5EC944 }
```

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

Here you see how a box with a 4 pixel #5EC944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC944; -webkit-box-shadow:4px 4px  
4px 4px #5EC944; box-shadow:4px 4px 4px  
4px #5EC944 }
```

Background

The CSS property to change the background color of an element to Hex 5EC944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC944 }
```

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

```
.background{ background-color:#5EC944 }
```

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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