

Converting Colors

Hex(5AC142)

Have a look what the booklet for
Hex(5AC142) contains.

Hex(5AC142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5AC142)

Conversions

Conversions Part 1

Format	Color
Hex	5AC142
RGB	90, 193, 66
RGB Percent	35%, 76%, 26%
CMY	0.6471, 0.2431, 0.7412
CMYK	0.53, 0.00, 0.66, 0.24
HSL	109°, 51%, 51%
HSV	109°, 66%, 76%
XYZ	24.2698, 40.7069, 11.7323
YIQ	147.7250, -20.6210, -61.3330

Conversions

Conversions Part 2

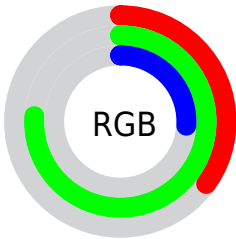
Format	Color
RYB	66, 193, 169
Decimal	5947714
CIELab	69.97, -53.35, 53.05
CIElCh	70, 75.240, 135.161
Yxy	40.7069, 0.3164, 0.5307
Android (android.graphics.Color)	4284137794 (0xFF5AC142)
YUV	147.7250, -40.2904, -50.6248
Hunter-Lab	63.8020, -43.7535, 33.7588

Details

The Hex color **5AC142** 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 **A942C1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **94FA77**, and **128A00** is the 20% darker color. If you saturate the color by 10%, you get **4AC12F**, and if you desaturate by 10%, it is **6AC155**.

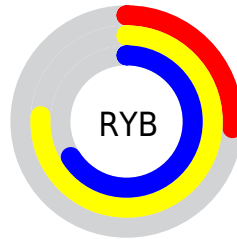
Distribution



Red (35%)

Green (76%)

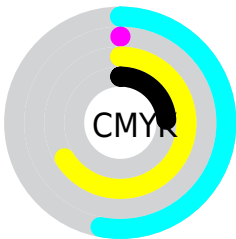
Blue (26%)



Red (26%)

Yellow (76%)

Blue (66%)

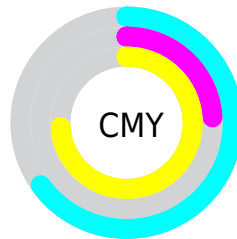


Cyan (53%)

Magenta (0%)

Yellow (66%)

Black (24%)



Cyan (65%)

Magenta (24%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC142 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 5AC142 by changing the saturation by 10% instead.

 5AC142

 5AC142

FFFFFF

 3BA526

 94FA77

 128A00

 B2FF93

 007000

 CFFFAE

 005700

 EDFFCB

 003E00

 FFFFE7

 002800

 000000

 5AC142

 5AC142

 4AC12F

 6AC155

 3BC11B

 79C169

 2BC108

 89C17C

 24C100

 99C18F

 A8C1A2

 B8C1B6

 C8C1C9

 D7C1DC

 E7C1F0

Harmonies

Analogous

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



ABB200



5AC142



00C986

Triad

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



5AC142



00BCFF



FF678B

Complementary

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



5AC142



A942C1

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.



FF6BD0



5AC142



5CA7FF

Square

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



5AC142



00C7FF



DA89FF



FF7E4C

Rectangle

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



5AC142



00CBB5



DA89FF



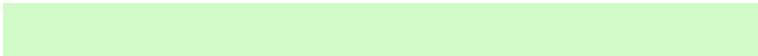
FF64A2

Sweetspot

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



5AC142



D1FAC8



C1A842



657D5F



FCFCFC



7D7D7D

Same Dimension

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



5AC142



5AFA34



42C168



596157



1EA100



062100

Inverse Universe

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



A942C1



D534FA



C1429B



5F5761



8200A1



1B0021

Previews

White Background



This preview shows how the Hex color 5AC142 looks on a white background.

Color Contrast Check

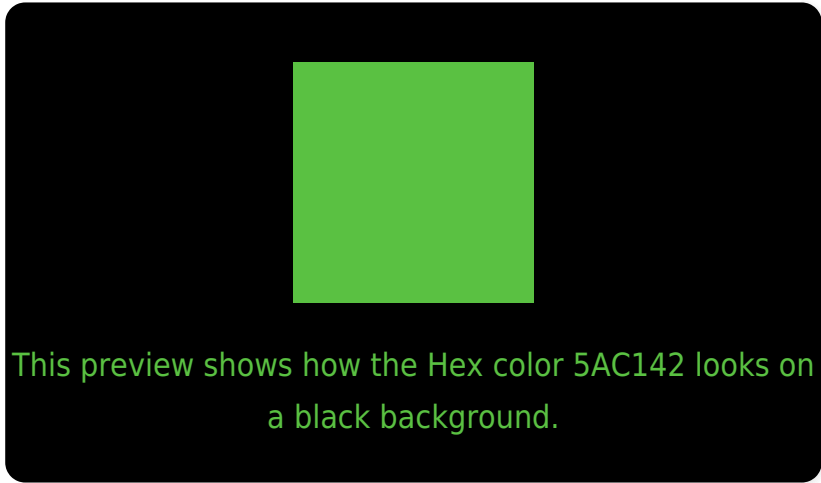
Large Text (above 18pt) WCAG AA × Fail

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

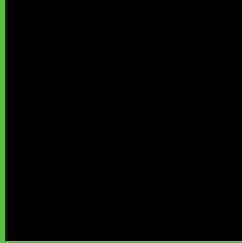
Any Text WCAG AA ✓ Pass

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 5AC142 Background



This preview shows how black text looks on a background with the Hex color 5AC142.



This preview shows how white text looks on a background with the Hex color 5AC142.

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](#).

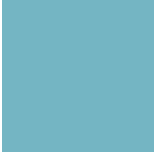
Dichromacy



Original Color
5AC142

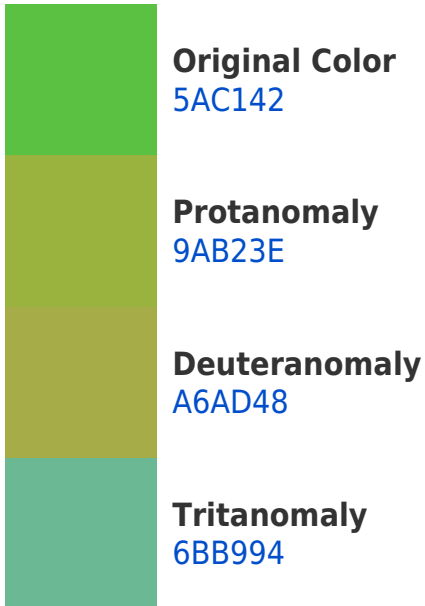
Protanopia
BEAA3C

Deuteranopia
D2A24C

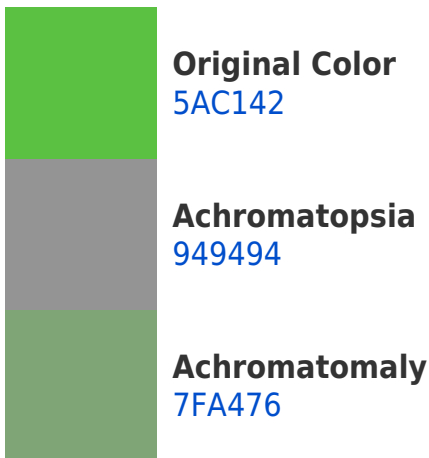


Tritanopia
74B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC142 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 #5AC142 looks like.

```
.text, #text, p{  
    color:#5AC142  
}
```

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 #5AC142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC142
}
```

Border

The CSS property to change the border of an element to Hex 5AC142 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
#5AC142 }
```

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

```
.border{ border-color:#5AC142 }
```

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

Here you see how a box with a 4 pixel #5AC142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC142; -webkit-box-shadow:4px 4px  
4px 4px #5AC142; box-shadow:4px 4px 4px  
4px #5AC142 }
```

Background

The CSS property to change the background color of an element to Hex 5AC142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC142 }
```

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

```
.background{ background-color:#5AC142 }
```

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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