

Converting Colors

Hex(5AC656)

Have a look what the booklet for
Hex(5AC656) contains.

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Color

Hex(5AC656)

Conversions

Conversions Part 1

Format	Color
Hex	5AC656
RGB	90, 198, 86
RGB Percent	35%, 78%, 34%
CMY	0.6471, 0.2235, 0.6627
CMYK	0.55, 0.00, 0.57, 0.22
HSL	118°, 50%, 56%
HSV	118°, 57%, 78%
XYZ	26.0902, 43.2337, 15.7739
YIQ	152.9400, -28.4160, -57.7280

Conversions

Conversions Part 2

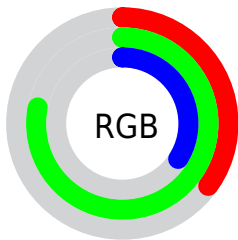
Format	Color
RYB	86, 198, 194
Decimal	5949014
CIELab	71.71, -53.12, 46.19
CIELCh	72, 70.397, 138.995
Yxy	43.2337, 0.3066, 0.5080
Android (android.graphics.Color)	4284139094 (0xFF5AC656)
YUV	152.9400, -33.0014, -55.1984
Hunter-Lab	65.7523, -44.2386, 31.8030

Details

The Hex color **5AC656** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C256C6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **94FF8B**, and **118F22** is the 20% darker color. If you saturate the color by 10%, you get **47C642**, and if you desaturate by 10%, it is **6DC66A**.

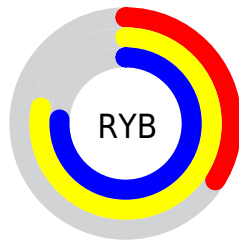
Distribution



Red (35%)

Green (78%)

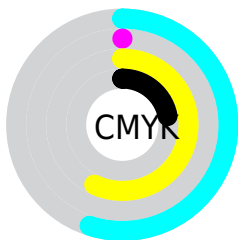
Blue (34%)



Red (34%)

Yellow (78%)

Blue (76%)

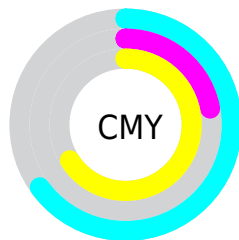


Cyan (55%)

Magenta (0%)

Yellow (57%)

Black (22%)



Cyan (65%)

Magenta (22%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC656 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 5AC656 by changing the saturation by 10% instead.

 5AC656

 5AC656

FFFFFF

 3BAA3C

 94FF8B

 118F22

 B1FFA6

 007500

 CFFFC2

 005B00

 EDFFDE

 004200

 FFFFFB

 002C00

 000C00

 000000

 5AC656

 5AC656

■ 47C642

■ 6DC66A

■ 34C62E

■ 80C67E

■ 21C61B

■ 93C691

■ 0EC607

■ A6C6A5

■ 07C600

■ B9C6B9

■ CDC6CD

■ E0C6E1

■ F3C6F4

■ FFC6FF

Harmonies

Analogous

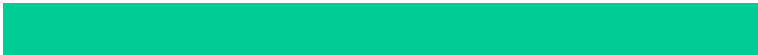
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9B925



5AC656



00CD95

Triad

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



5AC656



00BEFF



FF748A

Complementary

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



5AC656



C256C6

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.



FF75CA



5AC656



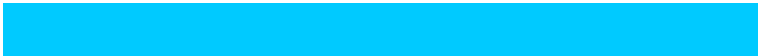
82A9FF

Square

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



5AC656



00CAFF



E68CFF



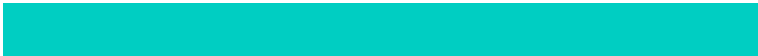
FF8A50

Rectangle

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



5AC656



00CEC2



E68CFF



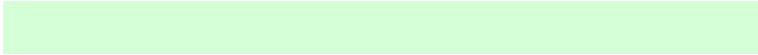
FF719F

Sweetspot

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



5AC656



D5FFD4



C6C056



678066



000000



808080

Same Dimension

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



5AC656



58FF52



56C688



5A635A



06A300



012400

Inverse Universe

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



C256C6



F952FF



C65694



635A63



9D00A3



220024

Previews

White Background



This preview shows how the Hex color 5AC656 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

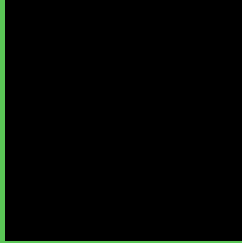
Any Text WCAG AA ✓ Pass

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 5AC656 Background



This preview shows how black text looks on a background with the Hex color 5AC656.

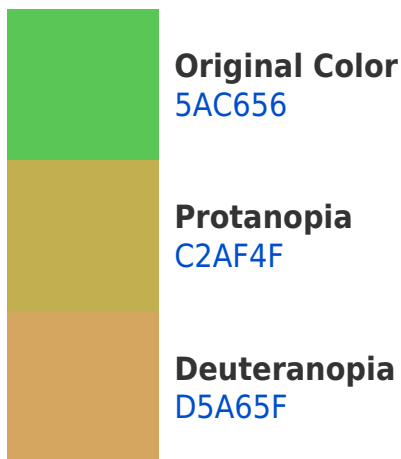


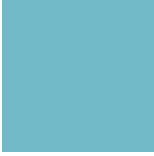
This preview shows how white text looks on a background with the Hex color 5AC656.

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
73BAC9

Trichromacy



Original Color
5AC656



Protanomaly
9CB752



Deuteranomaly
A8B25C



Tritanomaly
6ABE9F

Monochromacy



Original Color
5AC656



Achromatopsia
999999



Achromatomaly
82A981

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC656 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 #5AC656 looks like.

```
.text, #text, p{  
    color:#5AC656  
}
```

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 #5AC656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC656
}
```

Border

The CSS property to change the border of an element to Hex 5AC656 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
#5AC656 }
```

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

```
.border{ border-color:#5AC656 }
```

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

Here you see how a box with a 4 pixel #5AC656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC656; -webkit-box-shadow:4px 4px  
4px 4px #5AC656; box-shadow:4px 4px 4px  
4px #5AC656 }
```

Background

The CSS property to change the background color of an element to Hex 5AC656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC656 }
```

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

```
.background{ background-color:#5AC656 }
```

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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