

Converting Colors

Hex(5CC74B)

Have a look what the booklet for
Hex(5CC74B) contains.

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Color

Hex(5CC74B)

Conversions

Conversions Part 1

Format	Color
Hex	5CC74B
RGB	92, 199, 75
RGB Percent	36%, 78%, 29%
CMY	0.6392, 0.2196, 0.7059
CMYK	0.54, 0.00, 0.62, 0.22
HSL	112°, 53%, 54%
HSV	112°, 62%, 78%
XYZ	26.1071, 43.6302, 13.7021
YIQ	152.8710, -23.9680, -61.2480

Conversions

Conversions Part 2

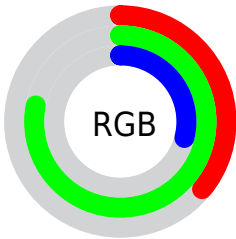
Format	Color
RYB	75, 199, 182
Decimal	6080331
CIELab	71.98, -54.21, 51.47
CIElCh	72, 74.748, 136.485
Yxy	43.6302, 0.3129, 0.5229
Android (android.graphics.Color)	4284270411 (0xFF5CC74B)
YUV	152.8710, -38.3904, -53.3839
Hunter-Lab	66.0531, -45.0420, 33.9380

Details

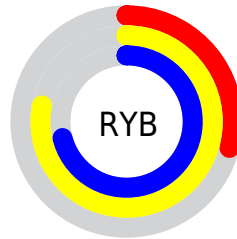
The Hex color **5CC74B** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **B64BC7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **97FF80**, and **149011** is the 20% darker color. If you saturate the color by 10%, you get **4BC737**, and if you desaturate by 10%, it is **6DC75F**.

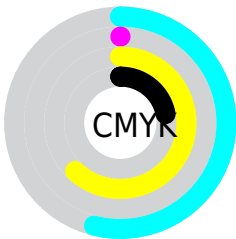
Distribution



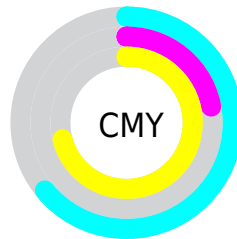
- Red (36%)
- Green (78%)
- Blue (29%)



- Red (29%)
- Yellow (78%)
- Blue (71%)



- Cyan (54%)
- Magenta (0%)
- Yellow (62%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CC74B 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 5CC74B by changing the saturation by 10% instead.

 5CC74B

 5CC74B

FFFFFF

 3DAB30

 97FF80

 149011

 B4FF9B

 007600

 D1FFB7

 005C00

 EFFFFD4

 004300

 FFFFFF1

 002D00

 000D00

 000000

 5CC74B

 5CC74B

 4BC737

 6DC75F

 3AC723

 7EC773

 28C70F

 90C787

 1BC700

 A1C79B

 B2C7AF

 C3C7C2

 D4C7D6

 E5C7EA

 F7C7FE

Harmonies

Analogous

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



AEB90D



5CC74B



00CE8E

Triad

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



5CC74B



00C1FF



FF6E8E

Complementary

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



5CC74B



B64BC7

Split Complementary

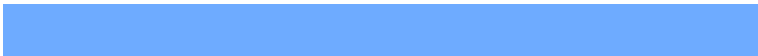
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF71D2



5CC74B



6EABFF

Square

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



5CC74B



00CFFF



E38DFF



FF854F

Rectangle

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



5CC74B



00D0BE



E38DFF



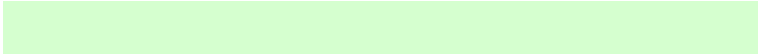
FF6BA4

Sweetspot

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



5CC74B



D5FFCF



C7B44B



668062



000000



808080

Same Dimension

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



5CC74B



5AFF40



4BC776



5B635A



16A300



052400

Inverse Universe

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



B64BC7



E540FF



C74B9C



625A63



8D00A3



1F0024

Previews

White Background



This preview shows how the Hex color 5CC74B looks on a white background.

Color Contrast Check

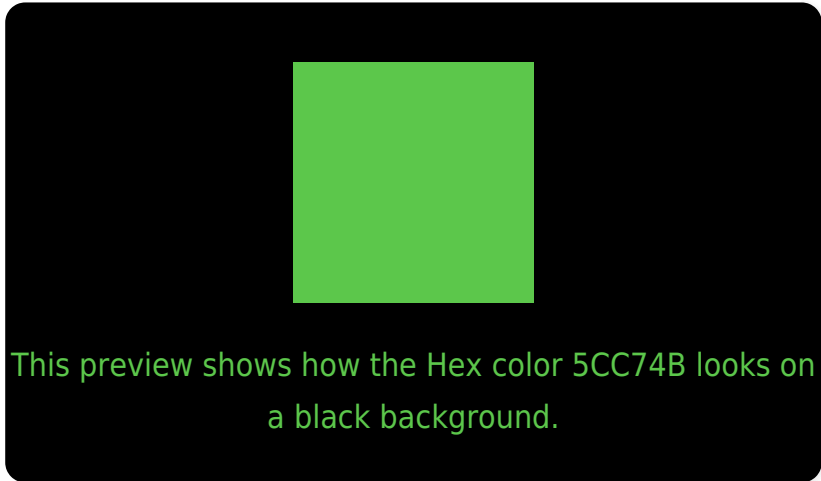
Large Text (above 18pt) WCAG AA × Fail

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 5CC74B Background



This preview shows how black text looks on a background with the Hex color 5CC74B.

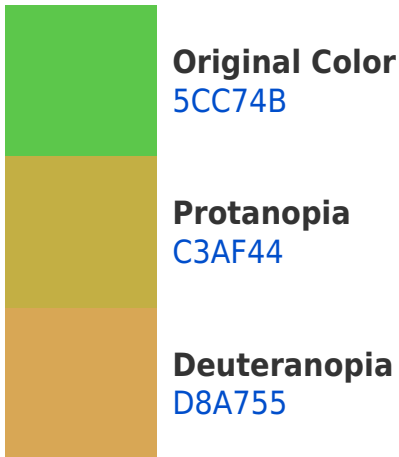


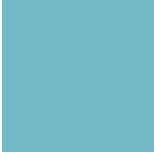
This preview shows how white text looks on a background with the Hex color 5CC74B.

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
76BAC9

Trichromacy



Original Color
5CC74B



Protanomaly
9EB847



Deuteranomaly
ABB351



Tritanomaly
6DBF9B

Monochromacy



Original Color
5CC74B



Achromatopsia
999999



Achromatomaly
83AA7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CC74B 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 #5CC74B looks like.

```
.text, #text, p{  
    color:#5CC74B  
}
```

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 #5CC74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC74B
}
```

Border

The CSS property to change the border of an element to Hex 5CC74B 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
#5CC74B }
```

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

```
.border{ border-color:#5CC74B }
```

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

Here you see how a box with a 4 pixel #5CC74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC74B; -webkit-box-shadow:4px 4px  
4px 4px #5CC74B; box-shadow:4px 4px 4px  
4px #5CC74B }
```

Background

The CSS property to change the background color of an element to Hex 5CC74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC74B }
```

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

```
.background{ background-color:#5CC74B }
```

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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