

Converting Colors

Hex(5FC169)

Have a look what the booklet for
Hex(5FC169) contains.

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Color

Hex(5FC169)

Conversions

Conversions Part 1

Format	Color
Hex	5FC169
RGB	95, 193, 105
RGB Percent	37%, 76%, 41%
CMY	0.6275, 0.2431, 0.5882
CMYK	0.51, 0.00, 0.46, 0.24
HSL	126°, 44%, 56%
HSV	126°, 51%, 76%
XYZ	26.3391, 41.5927, 20.0046
YIQ	153.6660, -30.1600, -48.1440

Conversions

Conversions Part 2

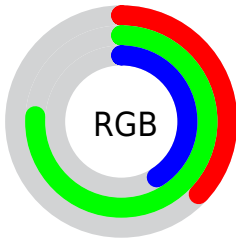
Format	Color
RYB	95, 184, 193
Decimal	6275433
CIELab	70.59, -47.25, 35.59
CIELCh	71, 59.156, 143.009
Yxy	41.5927, 0.2995, 0.4730
Android (android.graphics.Color)	4284465513 (0xFF5FC169)
YUV	153.6660, -23.9923, -51.4501
Hunter-Lab	64.4924, -39.9613, 26.7538

Details

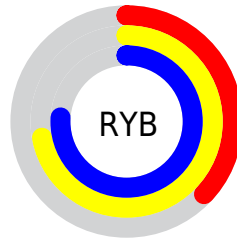
The Hex color **5FC169** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C15FB7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **98FA9D**, and **218A37** is the 20% darker color. If you saturate the color by 10%, you get **4CC158**, and if you desaturate by 10%, it is **72C17A**.

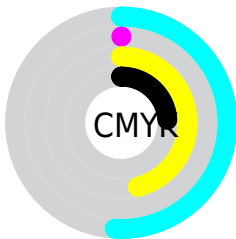
Distribution



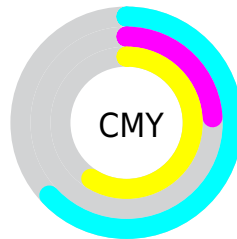
- Red (37%)
- Green (76%)
- Blue (41%)



- Red (37%)
- Yellow (72%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (63%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC169 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 5FC169 by changing the saturation by 10% instead.

 5FC169

 5FC169

FFFFFF

 42A550

 98FA9D

 218A37

 B4FFB9

 00701F

 D1FFD5

 005704

 EFFFF1

 003F00

 002900

 000400

 000000

 5FC169

 5FC169

 4CC158

 72C17A

 38C146

 86C18C

 25C135

 99C19D

 12C124

 ACC1AE

 00C114

 C0C1C0

 D3C1D1

 E6C1E2

 F9C1F4

 FFC1FF

Harmonies

Analogous

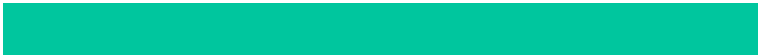
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2B643



5FC169



00C69E

Triad

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



5FC169



00B6FF



FF8086

Complementary

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



5FC169



C15FB7

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.



FF7EBC



5FC169



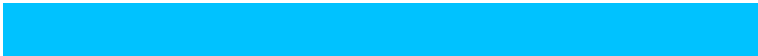
9AA4FF

Square

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



5FC169



00C2FF



E28DEE



FC9158

Rectangle

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



5FC169



00C7C3



E28DEE



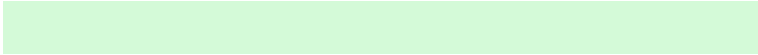
FF7D97

Sweetspot

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



5FC169



D4FAD8



B7C15F



667D69



FCFCFC



7D7D7D

Same Dimension

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



5FC169



61FA71



5FC19A



576158



00A110



002103

Inverse Universe

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



C15FB7



FA61EA



C15F86



615760



A10090



21001E

Previews

White Background



This preview shows how the Hex color 5FC169 looks on a white background.

Color Contrast Check

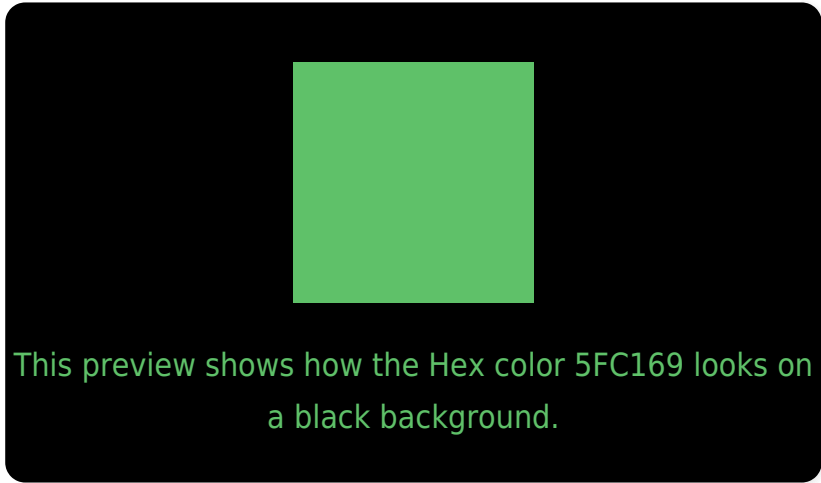
Large Text (above 18pt) WCAG AA × Fail

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

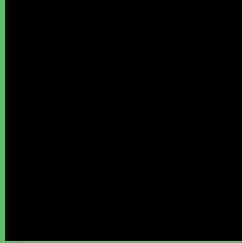
Any Text WCAG AA ✓ Pass

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 5FC169 Background



This preview shows how black text looks on a background with the Hex color 5FC169.

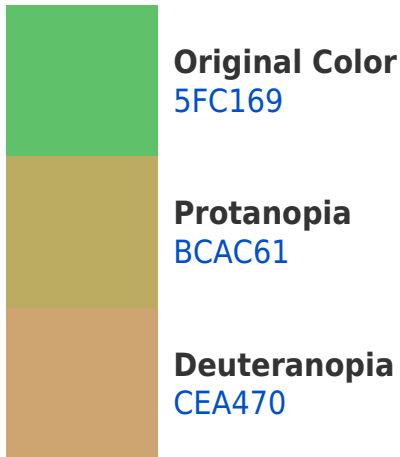


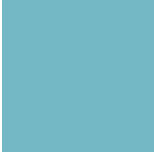
This preview shows how white text looks on a background with the Hex color 5FC169.

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](#).

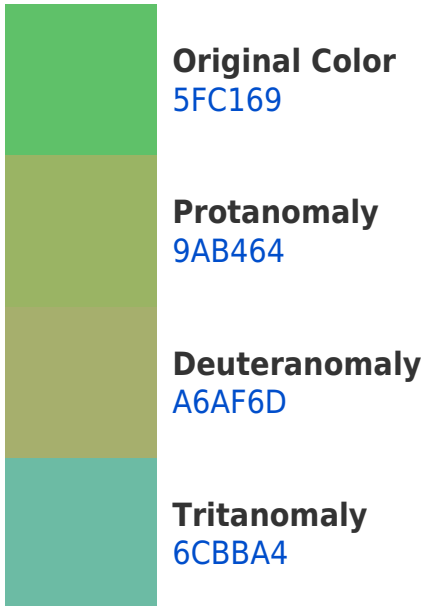
Dichromacy



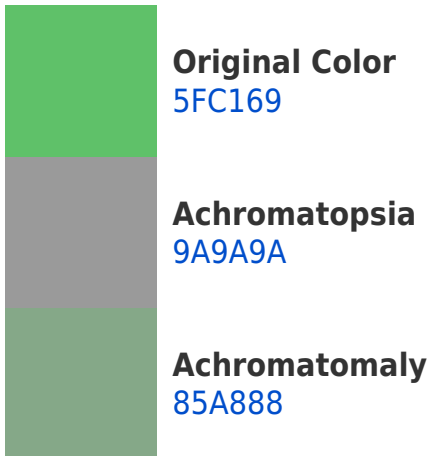


Tritanopia
74B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC169 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 #5FC169 looks like.

```
.text, #text, p{  
    color:#5FC169  
}
```

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 #5FC169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC169
}
```

Border

The CSS property to change the border of an element to Hex 5FC169 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
#5FC169 }
```

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

```
.border{ border-color:#5FC169 }
```

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

Here you see how a box with a 4 pixel #5FC169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC169; -webkit-box-shadow:4px 4px  
4px 4px #5FC169; box-shadow:4px 4px 4px  
4px #5FC169 }
```

Background

The CSS property to change the background color of an element to Hex 5FC169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC169 }
```

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

```
.background{ background-color:#5FC169 }
```

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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