

Converting Colors

Hex(5FC271)

Have a look what the booklet for
Hex(5FC271) contains.

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Color

Hex(5FC271)

Conversions

Conversions Part 1

Format	Color
Hex	5FC271
RGB	95, 194, 113
RGB Percent	37%, 76%, 44%
CMY	0.6275, 0.2392, 0.5569
CMYK	0.51, 0.00, 0.42, 0.24
HSL	131°, 45%, 57%
HSV	131°, 51%, 76%
XYZ	26.9917, 42.2087, 22.3473
YIQ	155.1650, -33.0030, -46.1790

Conversions

Conversions Part 2

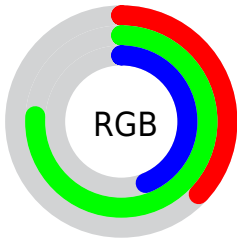
Format	Color
RYB	95, 179, 194
Decimal	6275697
CIELab	71.01, -46.41, 32.05
CIELCh	71, 56.404, 145.372
Yxy	42.2087, 0.2948, 0.4611
Android (android.graphics.Color)	4284465777 (0xFF5FC271)
YUV	155.1650, -20.7873, -52.7647
Hunter-Lab	64.9682, -39.5347, 25.0837

Details

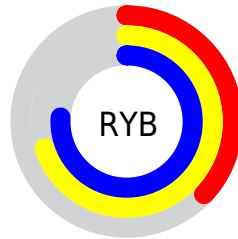
The Hex color **5FC271** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **C25FB0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **98FBA6**, and **218B3F** is the 20% darker color. If you saturate the color by 10%, you get **4CC261**, and if you desaturate by 10%, it is **72C281**.

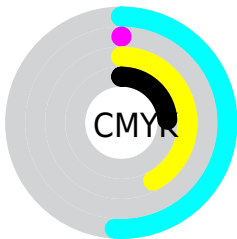
Distribution



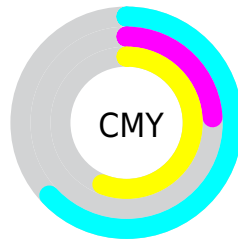
- Red (37%)
- Green (76%)
- Blue (44%)



- Red (37%)
- Yellow (70%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (63%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC271 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 5FC271 by changing the saturation by 10% instead.

 5FC271

 5FC271

FFFFFF

 42A658

 98FBA6

 218B3F

 B4FFC1

 007128

 D1FFDD

 00580F

 EFFFFA

 003F00

 002A00

 000700

 000000

 5FC271

 5FC271

 4CC261


 72C281

 38C251

 86C291

 25C241

 99C2A1

 11C232

 ADC2B0

 00C223

 C0C2C0

 D3C2D0

 E7C2E0

 FAC2F0

 FFC2FF

Harmonies

Analogous

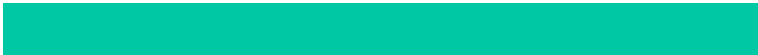
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0B84C



5FC271



00C7A4

Triad

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



5FC271



18B6FF



FF8585

Complementary

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



5FC271



C25FB0

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.



FF82B8



5FC271



A3A4FF

Square

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



5FC271



00C2FF



E58FE9



F8955A

Rectangle

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



5FC271



00C7C7



E58FE9



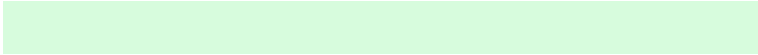
FF8295

Sweetspot

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



5FC271



D7FCDD



B2C25F



69806D



000000



808080

Same Dimension

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



5FC271



62FC7E



5FC2A1



576159



00A11D



002106

Inverse Universe

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



C25FB0



FC62E0



C25F80



61575F



A10083



21001B

Previews

White Background



This preview shows how the Hex color 5FC271 looks on a white background.

Color Contrast Check

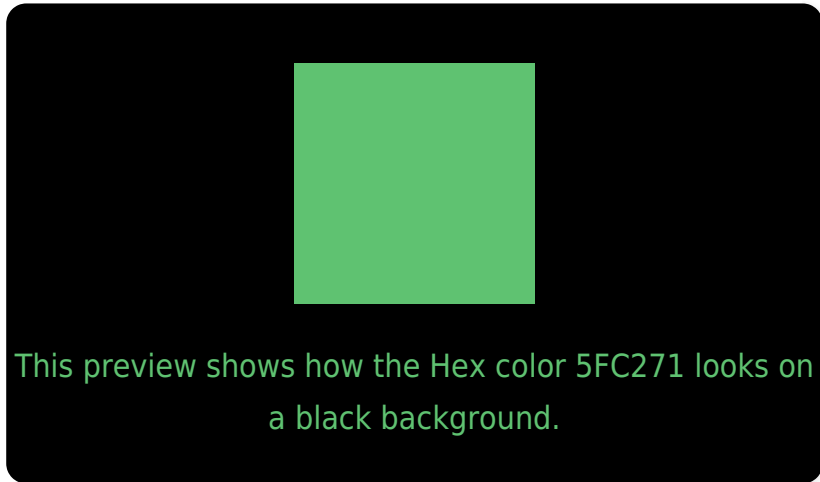
Large Text (above 18pt) WCAG AA × Fail

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

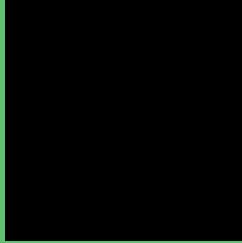
Any Text WCAG AA ✓ Pass

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 5FC271 Background



This preview shows how black text looks on a background with the Hex color 5FC271.

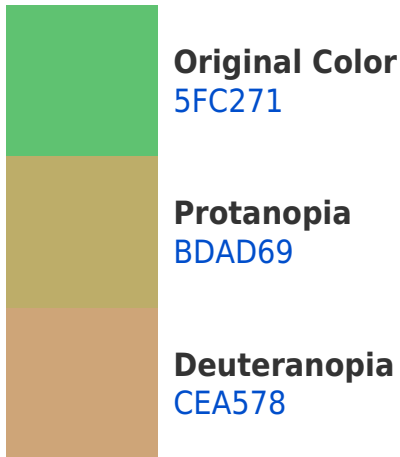


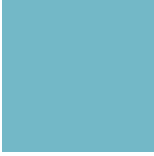
This preview shows how white text looks on a background with the Hex color 5FC271.

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
73B8C7

Trichromacy



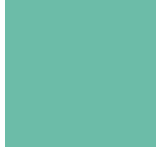
Original Color
5FC271



Protanomaly
9BB56C



Deuteranomaly
A6B075



Tritanomaly
6CBCA8

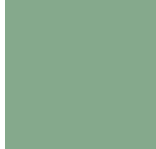
Monochromacy



Original Color
5FC271



Achromatopsia
9B9B9B



Achromatomaly
85A98C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC271 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 #5FC271 looks like.

```
.text, #text, p{  
    color:#5FC271  
}
```

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 #5FC271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC271
}
```

Border

The CSS property to change the border of an element to Hex 5FC271 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
#5FC271 }
```

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

```
.border{ border-color:#5FC271 }
```

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

Here you see how a box with a 4 pixel #5FC271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC271; -webkit-box-shadow:4px 4px  
4px 4px #5FC271; box-shadow:4px 4px 4px  
4px #5FC271 }
```

Background

The CSS property to change the background color of an element to Hex 5FC271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC271 }
```

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

```
.background{ background-color:#5FC271 }
```

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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