

Converting Colors

Hex(5FC491)

Have a look what the booklet for
Hex(5FC491) contains.

Hex(5FC491)	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(5FC491)

Conversions

Conversions Part 1

Format	Color
Hex	5FC491
RGB	95, 196, 145
RGB Percent	37%, 77%, 57%
CMY	0.6275, 0.2314, 0.4314
CMYK	0.52, 0.00, 0.26, 0.23
HSL	150°, 46%, 57%
HSV	150°, 52%, 77%
XYZ	29.5701, 43.9571, 33.7141
YIQ	159.9870, -43.8250, -37.2730

Conversions

Conversions Part 2

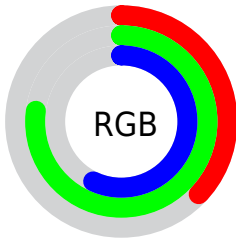
Format	Color
RYB	95, 163, 196
Decimal	6276241
CIELab	72.20, -41.37, 16.76
CIELCh	72, 44.640, 157.943
Yxy	43.9571, 0.2757, 0.4099
Android (android.graphics.Color)	4284466321 (0xFF5FC491)
YUV	159.9870, -7.3886, -56.9936
Hunter-Lab	66.3001, -36.4137, 16.2607

Details

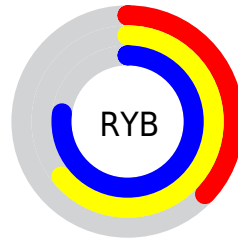
The Hex color **5FC491** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C45F92**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **98FDC7**, and **218D5E** is the 20% darker color. If you saturate the color by 10%, you get **4BC487**, and if you desaturate by 10%, it is **73C49B**.

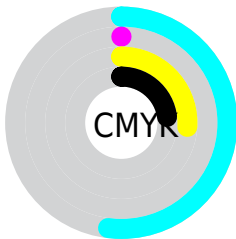
Distribution



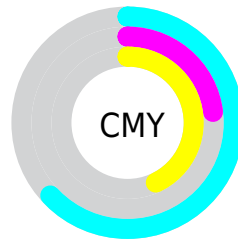
- Red (37%)
- Green (77%)
- Blue (57%)



- Red (37%)
- Yellow (64%)
- Blue (77%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (23%)



- Cyan (63%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC491 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 5FC491 by changing the saturation by 10% instead.

 5FC491

 5FC491

FFFFFF

 42A877

 98FDC7

 218D5E

 B4FFE3

 007347

 D1FFFF

 005A30

 EFFFFFF

 00421A

 002B01

 000E00

 000000

 5FC491

 5FC491

 4BC487

 73C49B

 38C47D

 86C4A5

 24C473

 9AC4AF

 11C469

 ADC4B9

 00C461

 C1C4C2

 D5C4CC

 E8C4D6

 FCC4E0

 FFC4EA

Harmonies

Analogous

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



94BD6F



5FC491



00C6BB

Triad

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



5FC491



84B2FF



FA9781

Complementary

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



5FC491



C45F92

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.



FF90A8



5FC491



C3A2F2

Square

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



5FC491



22BDFC



ED95D1



E4A466

Rectangle

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



5FC491



00C6D6



ED95D1



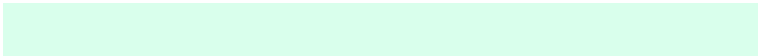
FE938D

Sweetspot

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



5FC491



D9FFEC



93C45F



698074



000000



808080

Same Dimension

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



5FC491



61FFAF



5FC4C2



57615C



00A150



002110

Inverse Universe

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



C45F92



FF61B1



C45F61



61575C



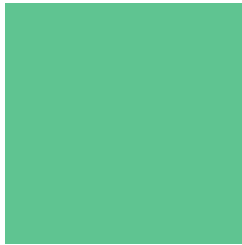
A10051



210011

Previews

White Background



This preview shows how the Hex color 5FC491 looks on a white background.

Color Contrast Check

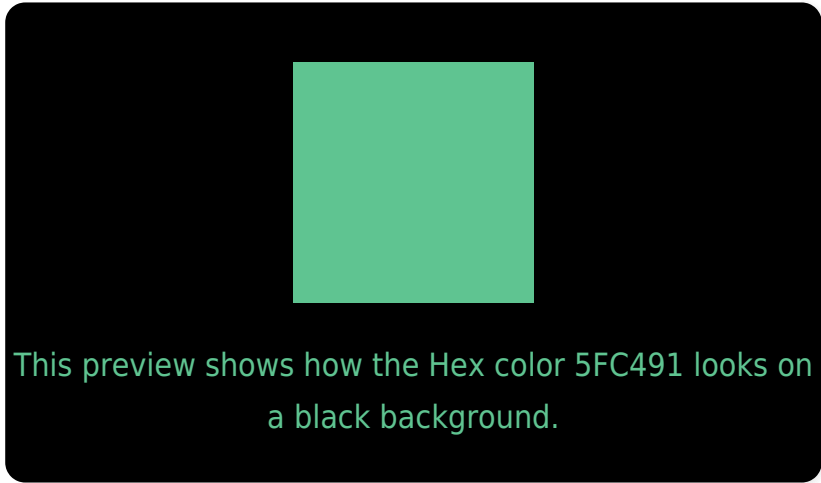
Large Text (above 18pt) WCAG AA × Fail

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

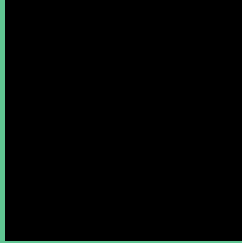
Any Text WCAG AA ✓ Pass

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 5FC491 Background



This preview shows how black text looks on a background with the Hex color 5FC491.

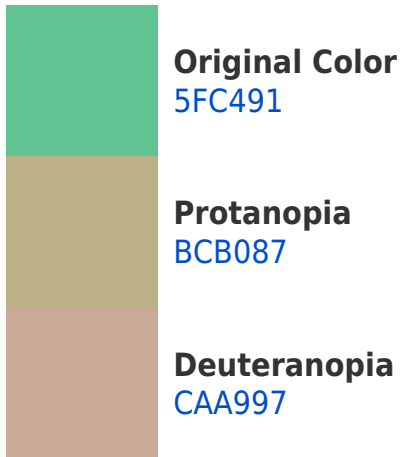


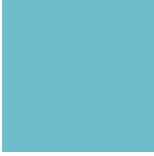
This preview shows how white text looks on a background with the Hex color 5FC491.

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





Trichromacy



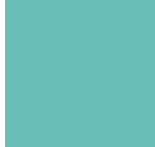
Original Color
5FC491



Protanomaly
9AB78B



Deuteranomaly
A3B395



Tritanomaly
69BFB7

Monochromacy



Original Color
5FC491



Achromatopsia
A0A0A0



Achromatomaly
88AD9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC491 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 #5FC491 looks like.

```
.text, #text, p{  
    color:#5FC491  
}
```

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 #5FC491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC491
}
```

Border

The CSS property to change the border of an element to Hex 5FC491 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
#5FC491 }
```

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

```
.border{ border-color:#5FC491 }
```

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

Here you see how a box with a 4 pixel #5FC491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC491; -webkit-box-shadow:4px 4px  
4px 4px #5FC491; box-shadow:4px 4px 4px  
4px #5FC491 }
```

Background

The CSS property to change the background color of an element to Hex 5FC491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC491 }
```

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

```
.background{ background-color:#5FC491 }
```

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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