

Converting Colors

Hex(5FC591)

Have a look what the booklet for
Hex(5FC591) contains.

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Color

Hex(5FC591)

Conversions

Conversions Part 1

Format	Color
Hex	5FC591
RGB	95, 197, 145
RGB Percent	37%, 77%, 57%
CMY	0.6275, 0.2275, 0.4314
CMYK	0.52, 0.00, 0.26, 0.23
HSL	149°, 47%, 57%
HSV	149°, 52%, 77%
XYZ	29.7964, 44.4097, 33.7896
YIQ	160.5740, -44.1000, -37.7960

Conversions

Conversions Part 2

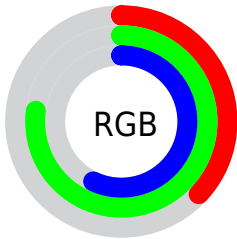
Format	Color
RYB	95, 163, 197
Decimal	6276497
CIELab	72.50, -41.81, 17.18
CIELCh	73, 45.205, 157.659
Yxy	44.4097, 0.2759, 0.4112
Android (android.graphics.Color)	4284466577 (0xFF5FC591)
YUV	160.5740, -7.6780, -57.5084
Hunter-Lab	66.6406, -36.8101, 16.5859

Details

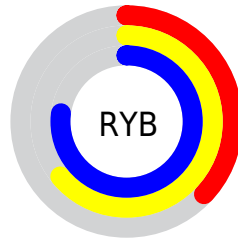
The Hex color **5FC591** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C55F93**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **98FEC7**, and **218E5E** is the 20% darker color. If you saturate the color by 10%, you get **4BC587**, and if you desaturate by 10%, it is **73C59B**.

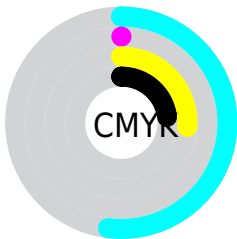
Distribution



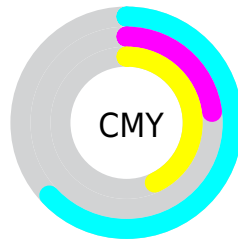
- Red (37%)
- Green (77%)
- Blue (57%)



- 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 5FC591 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 5FC591 by changing the saturation by 10% instead.

 5FC591

 5FC591

FFFFFF

 42A977

 98FEC7

 218E5E

 B4FFE3

 007446

 D1FFFF


 005B30

 EFFFFFFF

 00421A

 002C01

 001000

 000000

 5FC591

 5FC591

 4BC587

 73C59B

 38C57D

 86C5A5

 24C573

 9AC5AF

 10C569

 AEC5B9

 00C561

 C2C5C3

 D5C5CD

 E9C5D7

 FDC5E1

 FFC5EB

Harmonies

Analogous

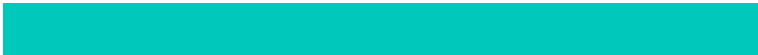
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95BE6E



5FC591



00C8BB

Triad

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



5FC591



84B2FF



FC9781

Complementary

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



5FC591



C55F93

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.



FF90A9



5FC591



C4A3F3

Square

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



5FC591



19BFFE



EE95D2



E5A566

Rectangle

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



5FC591



00C7D7



EE95D2



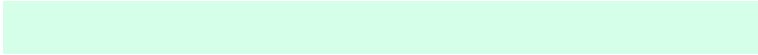
FF948E

Sweetspot

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



5FC591



D6FFEA



94C55F



678073



000000



808080

Same Dimension

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



5FC591



61FFAE



5FC5C3



5A635E



00A350



002412

Inverse Universe

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



C55F93



FF61B2



C55F61



635A5F



A30053



240012

Previews

White Background



This preview shows how the Hex color 5FC591 looks on a white background.

Color Contrast Check

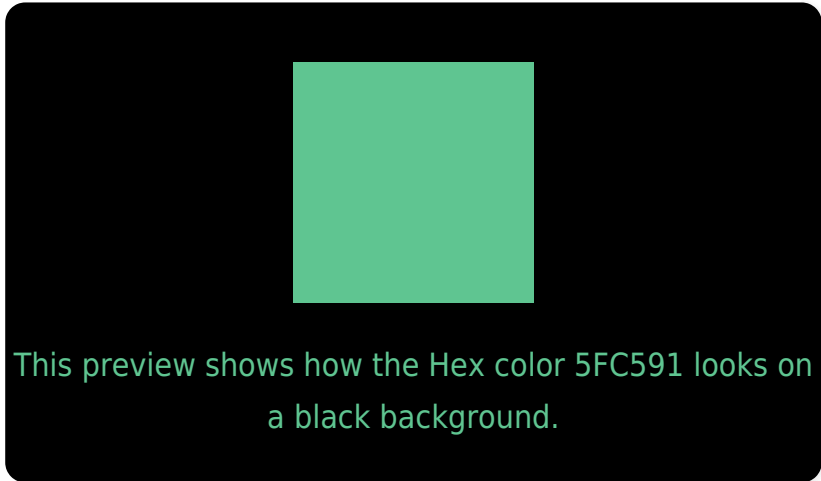
Large Text (above 18pt) WCAG AA × Fail

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

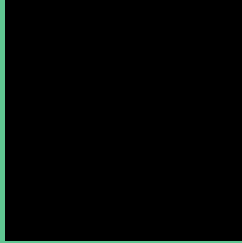
Any Text WCAG AA ✓ Pass

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 5FC591 Background



This preview shows how black text looks on a background with the Hex color 5FC591.

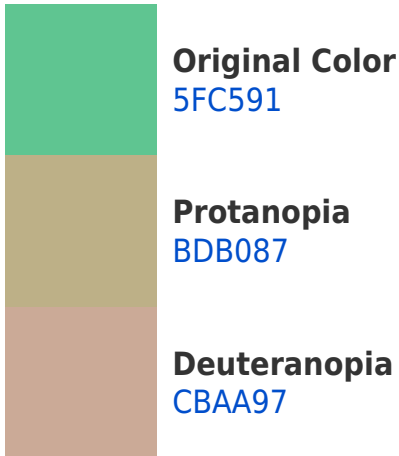


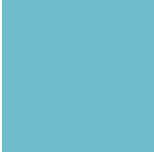
This preview shows how white text looks on a background with the Hex color 5FC591.

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
5FC591



Protanomaly
9BB88B



Deuteranomaly
A4B495



Tritanomaly
69C0B7

Monochromacy



Original Color
5FC591



Achromatopsia
A1A1A1



Achromatomaly
89AE9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC591 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 #5FC591 looks like.

```
.text, #text, p{  
    color:#5FC591  
}
```

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 #5FC591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC591
}
```

Border

The CSS property to change the border of an element to Hex 5FC591 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
#5FC591 }
```

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

```
.border{ border-color:#5FC591 }
```

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

Here you see how a box with a 4 pixel #5FC591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC591; -webkit-box-shadow:4px 4px  
4px 4px #5FC591; box-shadow:4px 4px 4px  
4px #5FC591 }
```

Background

The CSS property to change the background color of an element to Hex 5FC591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC591 }
```

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

```
.background{ background-color:#5FC591 }
```

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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