

Converting Colors

Hex(5BF591)

Have a look what the booklet for
Hex(5BF591) contains.

Hex(5BF591)	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(5BF591)

Conversions

Conversions Part 1

Format	Color
Hex	5BF591
RGB	91, 245, 145
RGB Percent	36%, 96%, 57%
CMY	0.6431, 0.0392, 0.4314
CMYK	0.63, 0.00, 0.41, 0.04
HSL	141°, 89%, 66%
HSV	141°, 63%, 96%
XYZ	42.0776, 69.5733, 37.9993
YIQ	187.5540, -59.6840, -63.7480

Conversions

Conversions Part 2

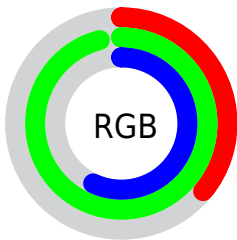
Format	Color
R _Y B	91, 205, 245
Decimal	6026641
CIE Lab	86.79, -61.98, 36.41
CIE LCh	87, 71.879, 149.567
Yxy	69.5733, 0.2812, 0.4649
Android (android.graphics.Color)	4284216721 (0xFF5BF591)
YUV	187.5540, -20.9791, -84.6779
Hunter-Lab	83.4106, -55.9218, 31.3767

Details

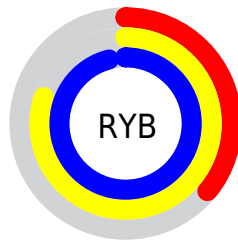
The Hex color **5BF591** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F55BBF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9BFFC8**, and **00BB5D** is the 20% darker color. If you saturate the color by 10%, you get **42F581**, and if you desaturate by 10%, it is **73F5A1**.

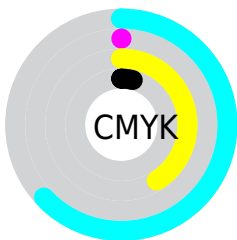
Distribution



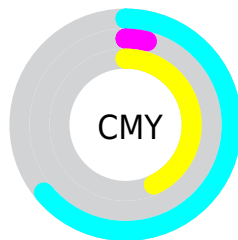
- Red (36%)
- Green (96%)
- Blue (57%)



- Red (36%)
- Yellow (80%)
- Blue (96%)



- Cyan (63%)
- Magenta (0%)
- Yellow (41%)
- Black (4%)



- Cyan (64%)
- Magenta (4%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BF591 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 5BF591 by changing the saturation by 10% instead.

 5BF591

 5BF591

FFFFFF

 36D877

 9BFFC8

 00BB5D

 B9FFE4

 00A044

 D8FFFF

 00842C

 F6FFFF

 006A12

 005000

 003800

 002000

 000000

 5BF591

 5BF591

 42F581

 73F5A1

 2AF571

 8CF5B1

 11F561

 A4F5C1

 00F556

 BDF5D1

 D5F5E1

 EEF5F0

 FFF5FF

Harmonies

Analogous

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



BBE95B



5BF591



00FAD6

Triad

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



5BF591



23E1FF



FFA49A

Complementary

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



5BF591



F55BBF

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.



FF9CDD



5BF591



D9C8FF

Square

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



5BF591



00F2FF



FFACFF



FFBC63

Rectangle

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



5BF591



00FBFF



FFACFF



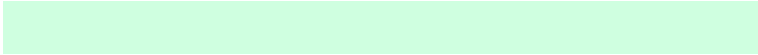
FF9EAF

Sweetspot

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



5BF591



CFFFE0



BFF55B



62806C



000000



808080

Same Dimension

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



5BF591



40FF83



5BF5DE



6E7A72



00BA41



003B15

Inverse Universe

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



F55BBF



FF40BC



F55B72



7A6E76



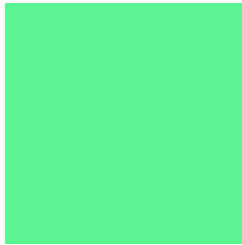
BA0079



3B0026

Previews

White Background



This preview shows how the Hex color 5BF591 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



This preview shows how the Hex color 5BF591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

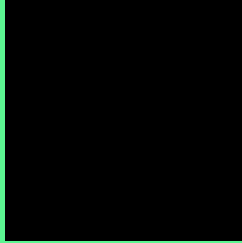
Any Text WCAG AA ✓ Pass

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 5BF591 Background



This preview shows how black text looks on a background with the Hex color 5BF591.

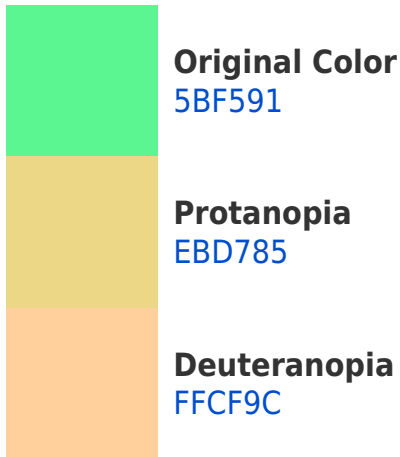


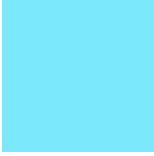
This preview shows how white text looks on a background with the Hex color 5BF591.

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
7CE8FB

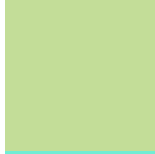
Trichromacy



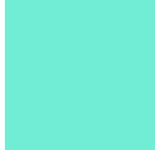
Original Color
5BF591



Protanomaly
B7E289



Deuteranomaly
C3DD98

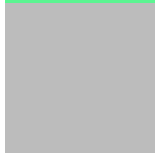


Tritanomaly
70EDD4

Monochromacy



Original Color
5BF591



Achromatopsia
BCBCBC



Achromatomaly
99D1AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BF591 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 #5BF591 looks like.

```
.text, #text, p{  
    color:#5BF591  
}
```

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 #5BF591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BF591
}
```

Border

The CSS property to change the border of an element to Hex 5BF591 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
#5BF591 }
```

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

```
.border{ border-color:#5BF591 }
```

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

Here you see how a box with a 4 pixel #5BF591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BF591; -webkit-box-shadow:4px 4px  
4px 4px #5BF591; box-shadow:4px 4px 4px  
4px #5BF591 }
```

Background

The CSS property to change the background color of an element to Hex 5BF591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BF591 }
```

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

```
.background{ background-color:#5BF591 }
```

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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