

Converting Colors

Hex(5FB100)

Have a look what the booklet for
Hex(5FB100) contains.

Hex(5FB100)	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(5FB100)

Conversions

Conversions Part 1

Format	Color
Hex	5FB100
RGB	95, 177, 0
RGB Percent	37%, 69%, 0%
CMY	0.6275, 0.3059, 1.0000
CMYK	0.46, 0.00, 1.00, 0.31
HSL	88°, 100%, 35%
HSV	88°, 100%, 69%
XYZ	20.4415, 33.8772, 5.4616
YIQ	132.3040, 7.9450, -72.4310

Conversions

Conversions Part 2

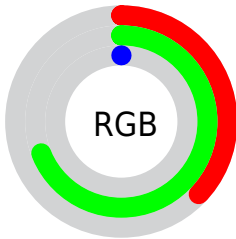
Format	Color
RYB	0, 177, 82
Decimal	6271232
CIELab	64.86, -48.99, 65.66
CIELCh	65, 81.924, 126.725
Yxy	33.8772, 0.3419, 0.5667
Android (android.graphics.Color)	4284461312 (0xFF5FB100)
YUV	132.3040, -65.2259, -32.7156
Hunter-Lab	58.2041, -39.1674, 35.1794

Details

The Hex color **5FB100** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5200B1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **99E94C**, and **1E7B00** is the 20% darker color. If you saturate the color by 10%, you get **5FB100**, and if you desaturate by 10%, it is **67B112**.

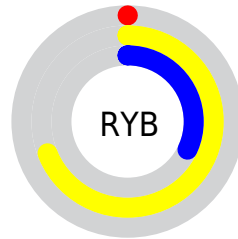
Distribution



Red (37%)

Green (69%)

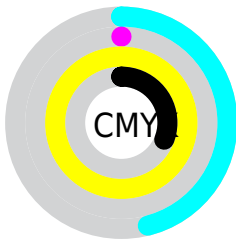
Blue (0%)



Red (0%)

Yellow (69%)

Blue (32%)

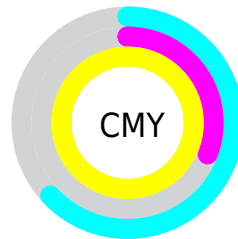


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (63%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FB100 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 5FB100 by changing the saturation by 10% instead.

 5FB100

 5FB100

FFFFFF

 419600

 99E94C

 1E7B00

 B6FF68

 006200

 D3FF84

 004900

 F1FFA0

 003200

 FFFFBD

 001A00

 FFFFDA

 000000

 FFFFF7

 5FB100

 67B112

 6FB123

 78B135

 80B147

 88B159

 90B16A

 98B17C

 A1B18E

 A9B19F

Harmonies

Analogous

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



AEA000



5FB100



00BA60

Triad

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



5FB100



00B4FF



FF4790

Complementary

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



5FB100



5200B1

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.



FF5AD9



5FB100



00A1FF

Square

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



5FB100



00BDF4



B181FF



FF6049

Rectangle

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



5FB100



00BD93



B181FF



FF48A9

Sweetspot

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



5FB100



C6E6A1



B15000



607349



F2F2F2



737373

Same Dimension

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



5FB100



7BE600



09B100



555950



529900



0E1A00

Inverse Universe

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



5200B1



6A00E6



A800B1



545059



470099



0C001A

Previews

White Background



This preview shows how the Hex color 5FB100 looks on a white background.

Color Contrast Check

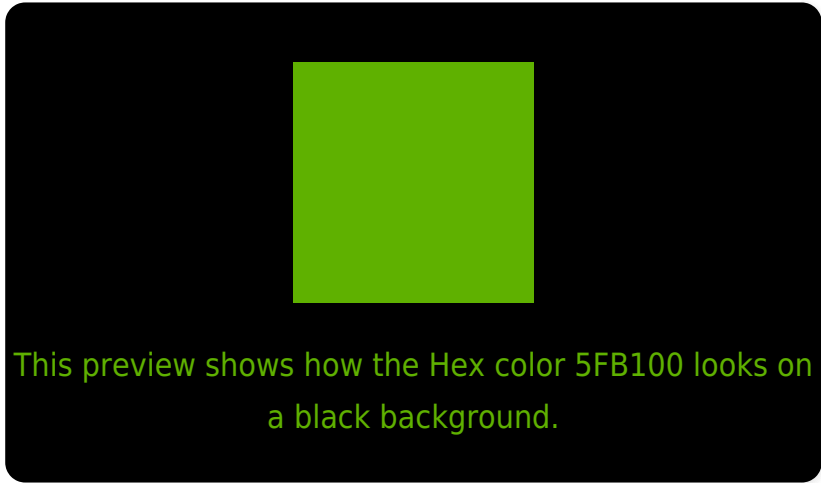
Large Text (above 18pt) WCAG AA × Fail

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 5FB100 Background



This preview shows how black text looks on a background with the Hex color 5FB100.

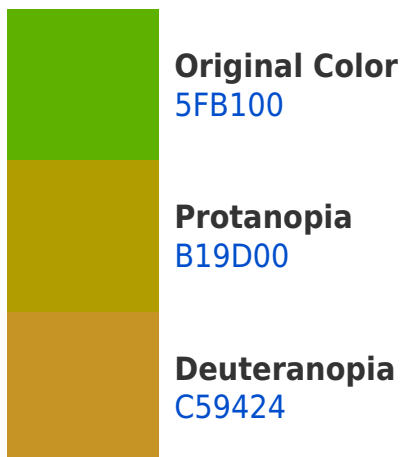


This preview shows how white text looks on a background with the Hex color 5FB100.

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](#).

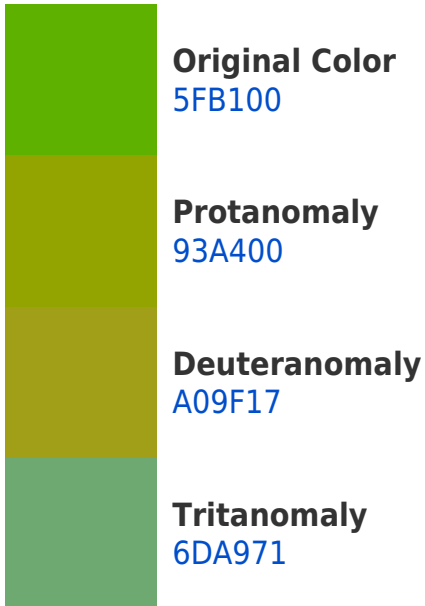
Dichromacy





Tritanopia
75A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FB100 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 #5FB100 looks like.

```
.text, #text, p{  
    color:#5FB100  
}
```

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 #5FB100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB100
}
```

Border

The CSS property to change the border of an element to Hex 5FB100 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
#5FB100 }
```

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

```
.border{ border-color:#5FB100 }
```

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

Here you see how a box with a 4 pixel #5FB100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB100; -webkit-box-shadow:4px 4px  
4px 4px #5FB100; box-shadow:4px 4px 4px  
4px #5FB100 }
```

Background

The CSS property to change the background color of an element to Hex 5FB100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB100 }
```

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

```
.background{ background-color:#5FB100 }
```

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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