

Converting Colors

Hex(5BF600)

Have a look what the booklet for
Hex(5BF600) contains.

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Color

Hex(5BF600)

Conversions

Conversions Part 1

Format	Color
Hex	5BF600
RGB	91, 246, 0
RGB Percent	36%, 96%, 0%
CMY	0.6431, 0.0353, 1.0000
CMYK	0.63, 0.00, 1.00, 0.04
HSL	98°, 100%, 48%
HSV	98°, 100%, 96%
XYZ	37.2702, 68.1357, 11.1872
YIQ	171.6110, -13.4140, -109.3660

Conversions

Conversions Part 2

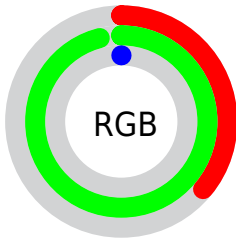
Format	Color
RYB	0, 246, 155
Decimal	6026752
CIELab	86.07, -74.01, 82.32
CIELCh	86, 110.693, 131.957
Yxy	68.1357, 0.3197, 0.5844
Android (android.graphics.Color)	4284216832 (0xFF5BF600)
YUV	171.6110, -84.6042, -70.6958
Hunter-Lab	82.5443, -63.8569, 49.7455

Details

The Hex color **5BF600** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **9B00F6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9EFF5B**, and **00BC00** is the 20% darker color. If you saturate the color by 10%, you get **5BF600**, and if you desaturate by 10%, it is **6AF619**.

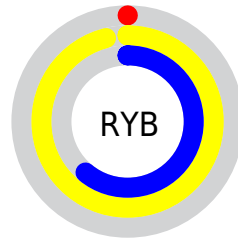
Distribution



Red (36%)

Green (96%)

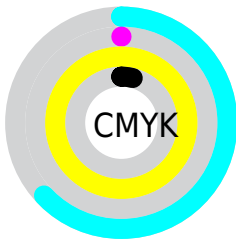
Blue (0%)



Red (0%)

Yellow (96%)

Blue (61%)

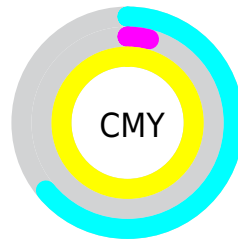


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (64%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BF600 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 5BF600 by changing the saturation by 10% instead.

 5BF600

 5BF600

FFFFFF

 31D900

 9EFF5B

 00BC00

 BEFF79

 00A000

 DEFF97

 008500

 FDFFB5

 006A00

 FFFFD3

 005000

 FFFFF1

 003800

 001D00

 000000

 5BF600

 6AF619

 7AF631

 8AF64A

 99F662

 A9F67B

 B8F694

 C8F6AC

 D7F6C5

 E7F6DD

Harmonies

Analogous

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



DCE000



5BF600



00FF92

Triad

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



5BF600



00F5FF



FF52B2

Complementary

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



5BF600



9B00F6

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.



FF67FF



5BF600



00D7FF

Square

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



5BF600



00FFFF



FFA5FF



FF854D

Rectangle

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



5BF600



00FFDB



FFA5FF



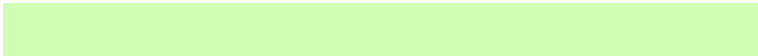
FF4ED5

Sweetspot

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



5BF600



CFFFB3



F69800



638052



000000



808080

Same Dimension

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



5BF600



5EFF00



00F61D



737A6E



45BA00



163B00

Inverse Universe

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



9B00F6



A100FF



F600D9



766E7A



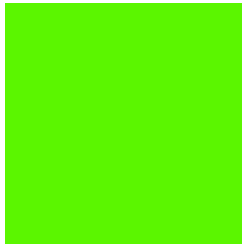
7500BA



25003B

Previews

White Background



This preview shows how the Hex color 5BF600 looks on a white background.

Color Contrast Check

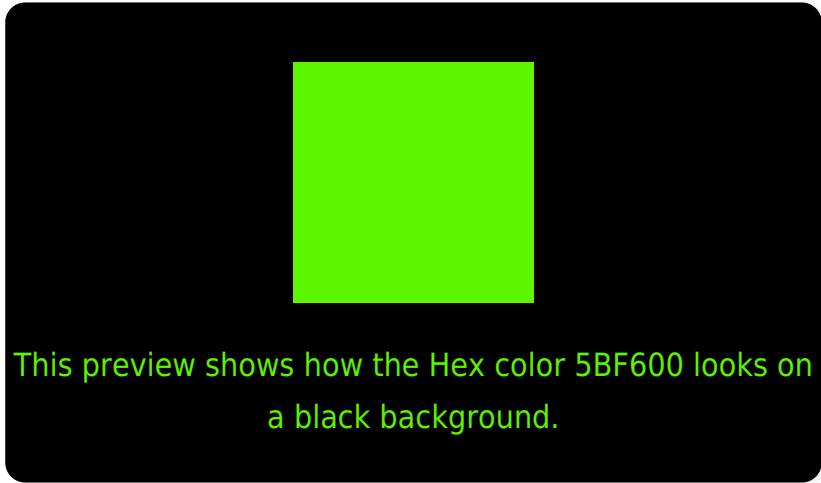
Large Text (above 18pt) WCAG AA × Fail

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

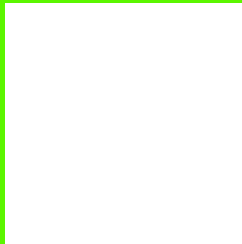
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5BF600 Background



This preview shows how black text looks on a background with the Hex color 5BF600.

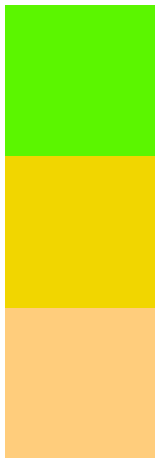


This preview shows how white text looks on a background with the Hex color 5BF600.

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](#).

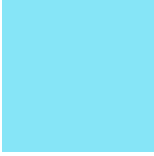
Dichromacy



Original Color
5BF600

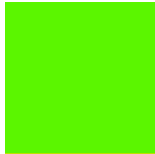
Protanopia
F1D600

Deuteranopia
FFCD7C



Tritanopia
86E5F7

Trichromacy



Original Color
5BF600



Protanomaly
BAE200



Deuteranomaly
C3DC4F

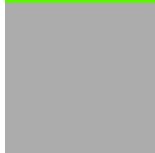


Tritanomaly
76EB9D

Monochromacy



Original Color
5BF600



Achromatopsia
ACACAC



Achromatomaly
8FC76D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BF600 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 #5BF600 looks like.

```
.text, #text, p{  
    color:#5BF600  
}
```

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 #5BF600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BF600
}
```

Border

The CSS property to change the border of an element to Hex 5BF600 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
#5BF600 }
```

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

```
.border{ border-color:#5BF600 }
```

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

Here you see how a box with a 4 pixel #5BF600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BF600; -webkit-box-shadow:4px 4px  
4px 4px #5BF600; box-shadow:4px 4px 4px  
4px #5BF600 }
```

Background

The CSS property to change the background color of an element to Hex 5BF600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BF600 }
```

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

```
.background{ background-color:#5BF600 }
```

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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