

Converting Colors

Hex(B5F011)

Have a look what the booklet for
Hex(B5F011) contains.

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Color

Hex(B5F011)

Conversions

Conversions Part 1

Format	Color
Hex	B5F011
RGB	181, 240, 17
RGB Percent	71%, 94%, 7%
CMY	0.2902, 0.0588, 0.9333
CMYK	0.25, 0.00, 0.93, 0.06
HSL	76°, 88%, 50%
HSV	76°, 93%, 94%
XYZ	50.3173, 72.1844, 11.8113
YIQ	196.9370, 36.4190, -81.8610

Conversions

Conversions Part 2

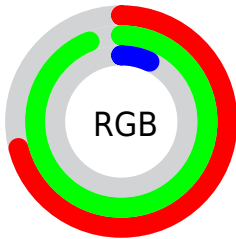
Format	Color
RYB	17, 240, 76
Decimal	11923473
CIELab	88.06, -44.04, 84.03
CIELCh	88, 94.868, 117.662
Yxy	72.1844, 0.3746, 0.5374
Android (android.graphics.Color)	4290113553 (0xFFB5F011)
YUV	196.9370, -88.7089, -13.9767
Hunter-Lab	84.9614, -42.9681, 51.2305

Details

The Hex color **B5F011** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **4C11F0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F1FF5F**, and **7AB800** is the 20% darker color. If you saturate the color by 10%, you get **B1F000**, and if you desaturate by 10%, it is **BBF029**.

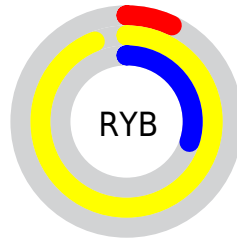
Distribution



Red (71%)

Green (94%)

Blue (7%)



Red (7%)

Yellow (94%)

Blue (30%)

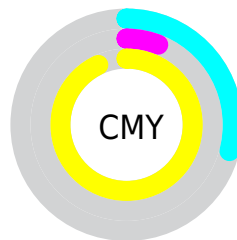


Cyan (25%)

Magenta (0%)

Yellow (93%)

Black (6%)



Cyan (29%)

Magenta (6%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5F011 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 B5F011 by changing the saturation by 10% instead.

 B5F011

 B5F011

FFFFFF

 97D400

 F1FF5F

 7AB800

 FFFF7E

 5C9D00

 FFFF9B

 3F8200

 FFFFFB9

 1B6900

 FFFFFD7

 005000

 FFFFFF5

 003800

 002300

 000000

 B5F011

 B5F011

 B1F000

 BBF029

 C2F041

 C8F059

 CEF071

 D5F089

 DBF0A1

 E1F0B9

 E8F0D1

 EEF0E9

Harmonies

Analogous

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



FFD600



B5F011



00FF76

Triad

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



B5F011



00FEFF



FF7EE8

Complementary

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



B5F011



4C11F0

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.



FF9CFF



B5F011



00EAFF

Square

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



B5F011



00FFFF



CBC8FF



FF8A8F

Rectangle

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



B5F011



00FFB3



CBC8FF



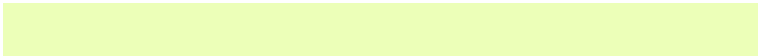
FF84FF

Sweetspot

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



B5F011



ECFFB8



F04911



748054



000000



808080

Same Dimension

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



B5F011



BCFF00



49F011



75786C



87B800



293800

Inverse Universe

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



4C11F0



4300FF



B811F0



6F6C78



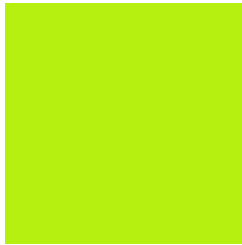
3100B8



0F0038

Previews

White Background



This preview shows how the Hex color B5F011 looks on a white background.

Color Contrast Check

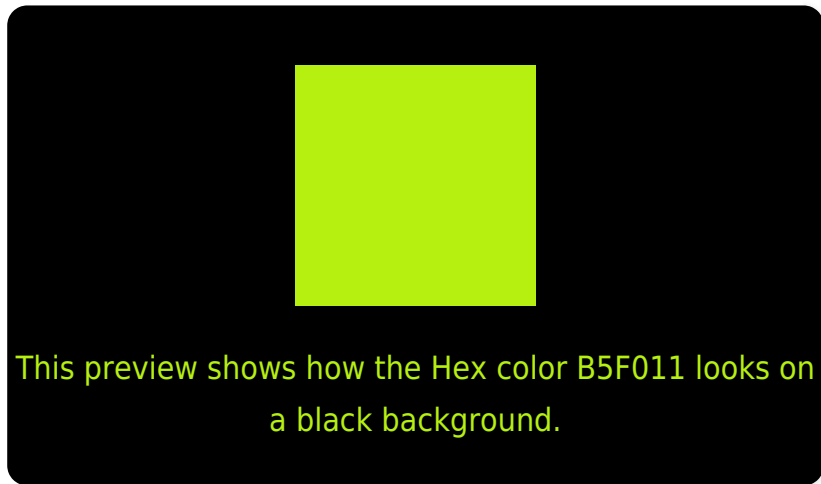
Large Text (above 18pt) WCAG AA × Fail

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 B5F011 Background



This preview shows how black text looks on a background with the Hex color B5F011.



This preview shows how white text looks on a background with the Hex color B5F011.

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
B5F011

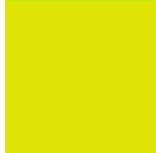
Protanopia
F8DD00

Deuteranopia
FFD697

Trichromacy



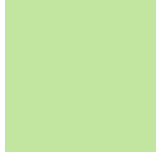
Original Color
B5F011



Protanomaly
E0E406



Deuteranomaly
E4DF66

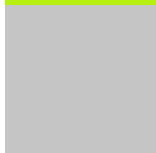


Tritanomaly
C2E5A0

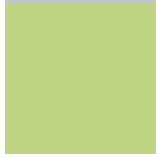
Monochromacy



Original Color
B5F011



Achromatopsia
C5C5C5



Achromatomaly
BFD584

CSS Examples

Text

The CSS property to change the color of the text to Hex B5F011 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 #B5F011 looks like.

```
.text, #text, p{  
    color:#B5F011  
}
```

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 #B5F011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5F011
}
```

Border

The CSS property to change the border of an element to Hex B5F011 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
#B5F011 }
```

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

```
.border{ border-color:#B5F011 }
```

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

Here you see how a box with a 4 pixel #B5F011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5F011; -webkit-box-shadow:4px 4px  
4px 4px #B5F011; box-shadow:4px 4px 4px  
4px #B5F011 }
```

Background

The CSS property to change the background color of an element to Hex B5F011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5F011 }
```

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

```
.background{ background-color:#B5F011 }
```

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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