

Converting Colors

Hex(B5C82F)

Have a look what the booklet for
Hex(B5C82F) contains.

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Color

Hex(B5C82F)

Conversions

Conversions Part 1

Format	Color
Hex	B5C82F
RGB	181, 200, 47
RGB Percent	71%, 78%, 18%
CMY	0.2902, 0.2157, 0.8157
CMYK	0.09, 0.00, 0.77, 0.22
HSL	67°, 62%, 48%
HSV	67°, 76%, 78%
XYZ	40.2234, 51.3375, 10.4785
YIQ	176.8770, 37.7890, -51.6110

Conversions

Conversions Part 2

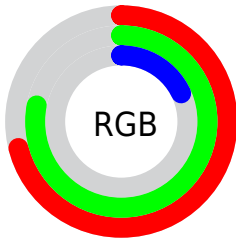
Format	Color
RYB	47, 200, 66
Decimal	11913263
CIELab	76.88, -24.97, 68.49
CIELCh	77, 72.900, 110.028
Yxy	51.3375, 0.3942, 0.5031
Android (android.graphics.Color)	4290103343 (0xFFB5C82F)
YUV	176.8770, -64.0294, 3.6159
Hunter-Lab	71.6502, -25.1805, 41.4843

Details

The Hex color **B5C82F** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **422FC8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **F0FF69**, and **7C9200** is the 20% darker color. If you saturate the color by 10%, you get **B3C81B**, and if you desaturate by 10%, it is **B7C843**.

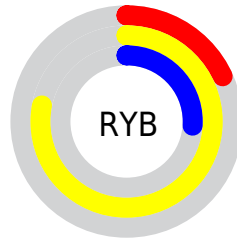
Distribution



Red (71%)

Green (78%)

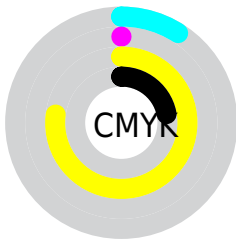
Blue (18%)



Red (18%)

Yellow (78%)

Blue (26%)

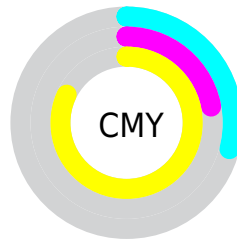


Cyan (9%)

Magenta (0%)

Yellow (77%)

Black (22%)



Cyan (29%)

Magenta (22%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5C82F 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 B5C82F by changing the saturation by 10% instead.

 B5C82F

 B5C82F

FFFFFF

 98AD01

 F0FF69

 7C9200

 FFFF85

 607800

 FFFFA2

 466000

 FFFFBE

 2A4800

 FFFFDB

 0E3100

 FFFFF9

 001E00

 000000

 B5C82F

 B5C82F

 B3C81B

 B7C843

 B0C807

 BAC857

 AFC800

 BCC86B

 BFC87F

 C1C893

 C4C8A7

 C6C8BB

 C9C8CF

 CBC8E3

Harmonies

Analogous

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



F3B22B



B5C82F



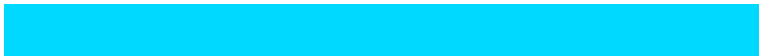
61D662

Triad

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



B5C82F



00D9FF



FF80D7

Complementary

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



B5C82F



422FC8

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.



F998FF



B5C82F



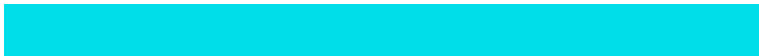
00CCFF

Square

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



B5C82F



00DEEA



94B5FF



FF8094

Rectangle

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



B5C82F



00DB8D



94B5FF



FF86ED

Sweetspot

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



B5C82F



F8FFC4



C8412F



7B805C



000000



808080

Same Dimension

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



B5C82F



E2FF14



6AC82F



62635A



8FA300



1F2400

Inverse Universe

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



422FC8



3214FF



8D2FC8



5B5A63



1400A3



040024

Previews

White Background



This preview shows how the Hex color B5C82F looks on a white background.

Color Contrast Check

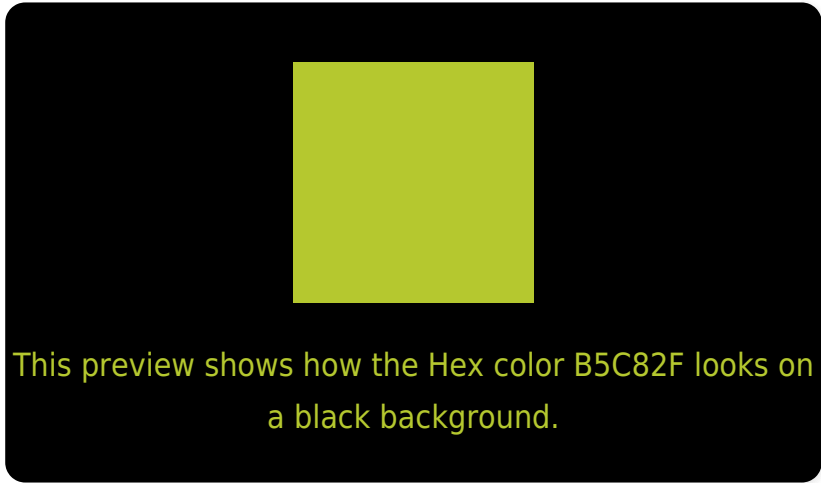
Large Text (above 18pt) WCAG AA × Fail

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 B5C82F Background



This preview shows how black text looks on a background with the Hex color B5C82F.

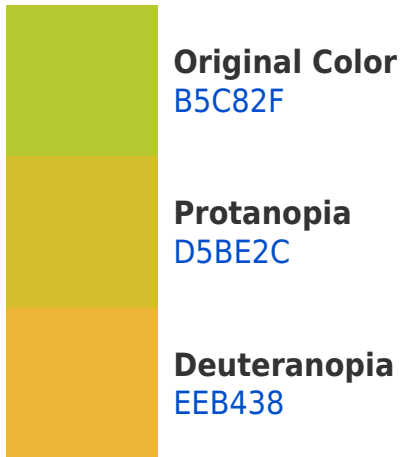



This preview shows how white text looks on a background with the Hex color B5C82F.

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](#).

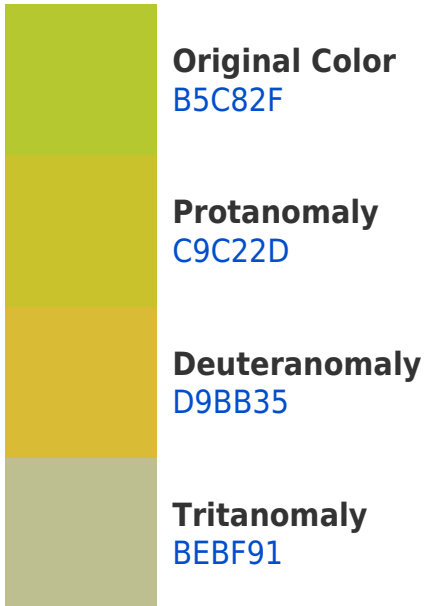
Dichromacy





Tritanopia
C3BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5C82F 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 #B5C82F looks like.

```
.text, #text, p{  
    color:#B5C82F  
}
```

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 #B5C82F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C82F
}
```

Border

The CSS property to change the border of an element to Hex B5C82F 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
#B5C82F }
```

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

```
.border{ border-color:#B5C82F }
```

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

Here you see how a box with a 4 pixel #B5C82F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C82F; -webkit-box-shadow:4px 4px  
4px 4px #B5C82F; box-shadow:4px 4px 4px  
4px #B5C82F }
```

Background

The CSS property to change the background color of an element to Hex B5C82F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C82F }
```

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

```
.background{ background-color:#B5C82F }
```

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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