

# Converting Colors

Hex(B5F25A)

Have a look what the booklet for  
Hex(B5F25A) contains.

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**Color**

**Hex(B5F25A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5F25A
RGB	181, 242, 90
RGB Percent	71%, 95%, 35%
CMY	0.2902, 0.0510, 0.6471
CMYK	0.25, 0.00, 0.63, 0.05
HSL	84°, 85%, 65%
HSV	84°, 63%, 95%
XYZ	52.6536, 74.0662, 21.1939
YIQ	206.4330, 12.4360, -60.2040

# Conversions

## Conversions Part 2

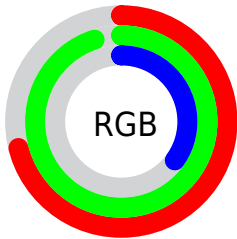
Format	Color
<a href="#">RYB</a>	<a href="#">90, 242, 151</a>
Decimal	<a href="#">11924058</a>
CIELab	<a href="#">88.95, -41.74, 65.05</a>
CIELCh	<a href="#">89, 77.288, 122.689</a>
Yxy	<a href="#">74.0662, 0.3560, 0.5007</a>
Android (android.graphics.Color)	<a href="#">4290114138 (0xFFB5F25A)</a>
YUV	<a href="#">206.4330, -57.4015, -22.3047</a>
Hunter-Lab	<a href="#">86.0617, -41.3995, 45.6422</a>

# Details

The Hex color **B5F25A** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **975AF2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F0FF92**, and **7CBA1D** is the 20% darker color. If you saturate the color by 10%, you get **ABF242**, and if you desaturate by 10%, it is **BFF272**.

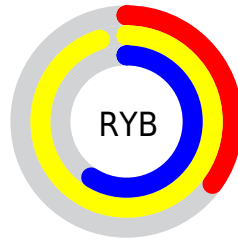
# Distribution



Red (71%)

Green (95%)

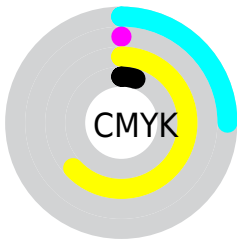
Blue (35%)



Red (35%)

Yellow (95%)

Blue (59%)

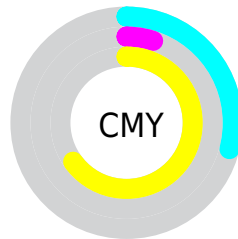


Cyan (25%)

Magenta (0%)

Yellow (63%)

Black (5%)



Cyan (29%)

Magenta (5%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5F25A 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 B5F25A by changing the saturation by 10% instead.



 B5F25A

 B5F25A

FFFFFF

 98D53D

 F0FF92

 7CBA1D

 FFFFAE

 609E00

 FFFFCB

 438400

 FFFFEB

 256A00

 005100

 003A00

 002500

 000000

 B5F25A

 B5F25A

 ABF242

 BFF272

 A2F22A

 C8F28A

 98F211

 D2F2A3

 91F200

 DCF2BB

 E6F2D3

 EFF2EB

 F9F2FF

 FFF2FF

# Harmonies

## Analogous

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



FFDE3E



B5F25A



3CFE98

# Triad

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



B5F25A



00F9FF



FF9BDC

# Complementary

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



B5F25A



975AF2

# 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.



FFAAFF



B5F25A



31E6FF

# Square

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



B5F25A



00FFFF



EAC9FF



FFA794

# Rectangle

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



B5F25A



00FFCA



EAC9FF



FF9DF5

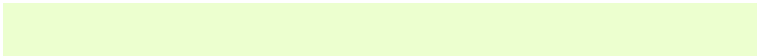


# Sweetspot

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



B5F25A



ECFFCF



F2975A



748062



000000



808080



# Same Dimension

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



B5F25A



B2FF40



69F25A



73786C



6EB800



223800



# Inverse Universe

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



975AF2



8D40FF



E35AF2



716C78



4A00B8

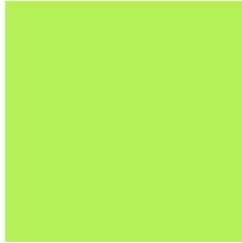


170038



# Previews

## White Background



This preview shows how the Hex color B5F25A looks on a white background.

## Color Contrast Check

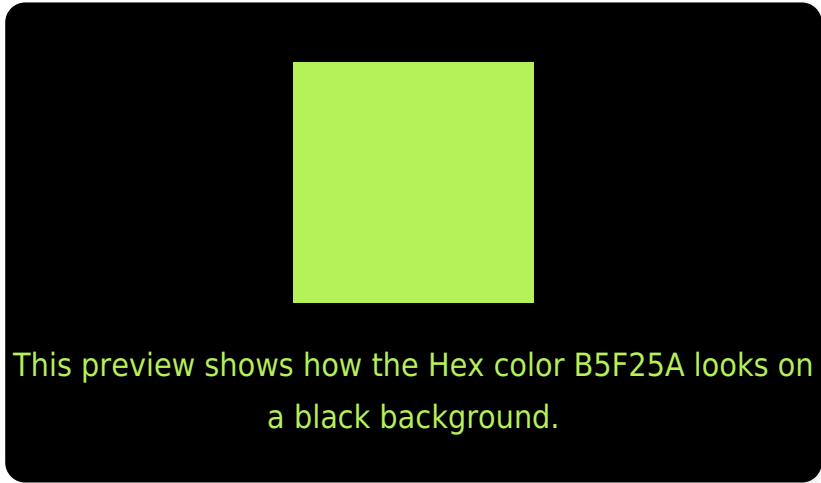
Large Text (above 18pt) WCAG AA × Fail

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 B5F25A Background



This preview shows how black text looks on a background with the Hex color B5F25A.

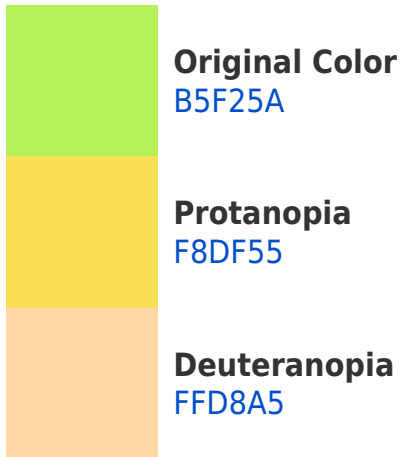


This preview shows how white text looks on a background with the Hex color B5F25A.

# 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](#).

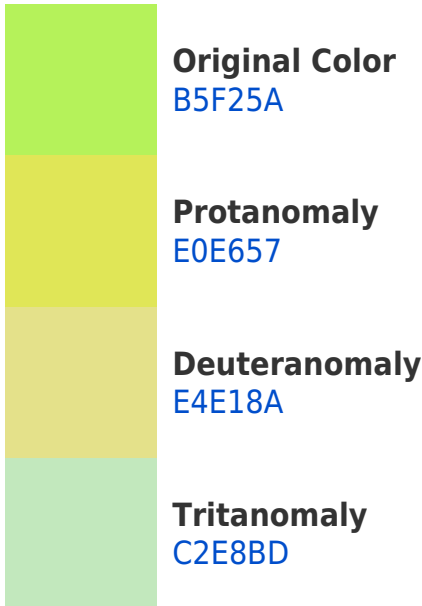
## Dichromacy



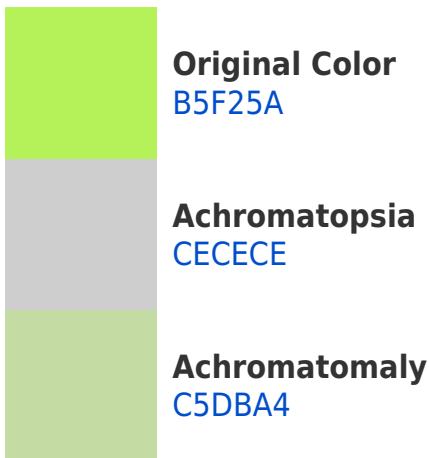


**Tritanopia**  
C9E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5F25A 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 #B5F25A looks like.

```
.text, #text, p{  
    color:#B5F25A  
}
```

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 #B5F25A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5F25A
}
```

## Border

The CSS property to change the border of an element to Hex B5F25A 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
#B5F25A }
```

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

```
.border{ border-color:#B5F25A }
```

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

Here you see how a box with a 4 pixel #B5F25A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5F25A; -webkit-box-shadow:4px 4px  
4px 4px #B5F25A; box-shadow:4px 4px 4px  
4px #B5F25A }
```

# Background

The CSS property to change the background color of an element to Hex B5F25A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5F25A }
```

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

```
.background{ background-color:#B5F25A }
```

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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