

# Converting Colors

Hex(B5F187)

Have a look what the booklet for  
Hex(B5F187) contains.

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# Color

**Hex(B5F187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5F187
RGB	181, 241, 135
RGB Percent	71%, 95%, 53%
CMY	0.2902, 0.0549, 0.4706
CMYK	0.25, 0.00, 0.44, 0.05
HSL	94°, 79%, 74%
HSV	94°, 44%, 95%
XYZ	54.8845, 74.4836, 34.4057
YIQ	210.9760, -1.7340, -45.6860

# Conversions

## Conversions Part 2

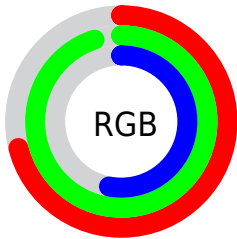
Format	Color
<a href="#">RYB</a>	<a href="#">135, 241, 195</a>
Decimal	<a href="#">11923847</a>
CIELab	<a href="#">89.15, -36.87, 45.07</a>
CIELCh	<a href="#">89, 58.230, 129.286</a>
Yxy	<a href="#">74.4836, 0.3351, 0.4548</a>
Android (android.graphics.Color)	<a href="#">4290113927</a> ( <a href="#">0xFFB5F187</a> )
YUV	<a href="#">210.9760, -37.4562, -26.2890</a>
Hunter-Lab	<a href="#">86.3039, -37.5156, 36.7763</a>

# Details

The Hex color **B5F187** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C387F1**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EFFFBE**, and **7EB953** is the 20% darker color. If you saturate the color by 10%, you get **A7F16F**, and if you desaturate by 10%, it is **C3F19F**.

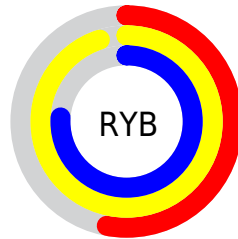
# Distribution



Red (71%)

Green (95%)

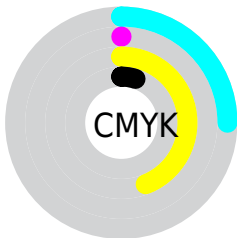
Blue (53%)



Red (53%)

Yellow (95%)

Blue (76%)

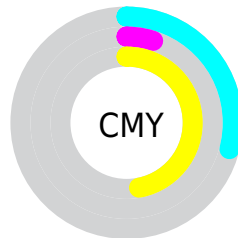


Cyan (25%)

Magenta (0%)

Yellow (44%)

Black (5%)



Cyan (29%)

Magenta (5%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5F187 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 B5F187 by changing the saturation by 10% instead.



 B5F187

 B5F187

FFFFFF

 99D46D

 EFFFBE

 7EB953

 FFFFDA

 639D39

 FFFFF7

 48831F

 2D6900

 0E5100

 003900

 002500

 000000

 B5F187

 B5F187

 A7F16F

 C3F19F

 9AF157

 D0F1B7

 8CF13F

 DEF1CF

 7EF127

 ECF1E7

 71F10F

 F9F1FF

 69F100

 FFF1FF

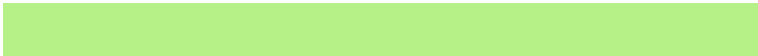
# Harmonies

## Analogous

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



F1E26F



B5F187



67FAB7

# Triad

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



B5F187



00F0FF



FFB2D1

# Complementary

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



B5F187



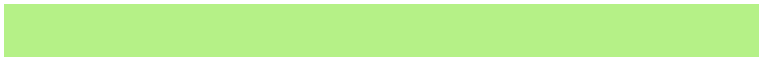
C387F1

# Split Complementary

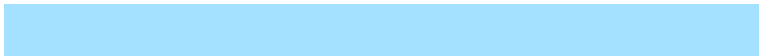
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8FF



B5F187



A4E0FF

# Square

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



B5F187



00FAFF



FBCBFF



FFBC9C

# Rectangle

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



B5F187



00FCDD



FBCBFF



FFB2E4

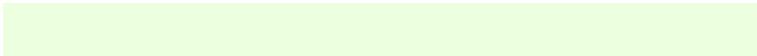


# Sweetspot

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



B5F187



ECFFDE



F1C187



74806B



000000



808080

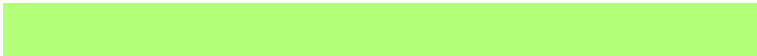


# Same Dimension

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



B5F187



B3FF78



87F18C



71786C



50B800



183800



# Inverse Universe

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



C387F1



C478FF



F187EC



736C78



6800B8

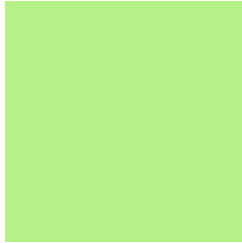


200038



# Previews

## White Background



This preview shows how the Hex color B5F187 looks on a white background.

## Color Contrast Check

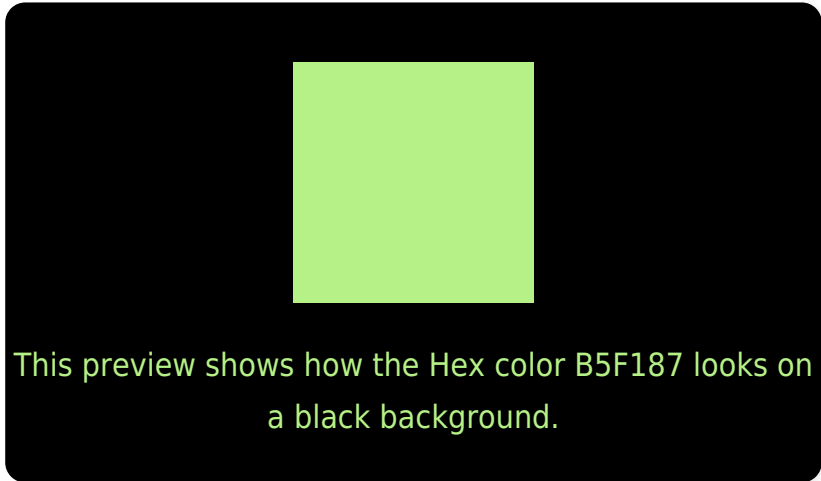
Large Text (above 18pt) WCAG AA × Fail

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 B5F187 Background



This preview shows how black text looks on a background with the Hex color B5F187.

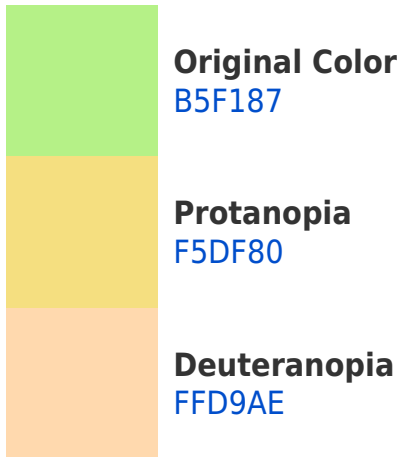


This preview shows how white text looks on a background with the Hex color B5F187.

# 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



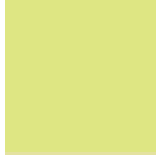


**Tritanopia**  
C6E4F6

# Trichromacy



**Original Color**  
B5F187



**Protanomaly**  
DDE683



**Deuteranomaly**  
E4E2A0

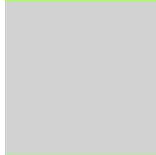


**Tritanomaly**  
C0E9CE

# Monochromacy



**Original Color**  
B5F187



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
C8DEB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5F187 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 #B5F187 looks like.

```
.text, #text, p{  
    color:#B5F187  
}
```

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 #B5F187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5F187
}
```

## Border

The CSS property to change the border of an element to Hex B5F187 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
#B5F187 }
```

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

```
.border{ border-color:#B5F187 }
```

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

Here you see how a box with a 4 pixel #B5F187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5F187; -webkit-box-shadow:4px 4px  
4px 4px #B5F187; box-shadow:4px 4px 4px  
4px #B5F187 }
```

# Background

The CSS property to change the background color of an element to Hex B5F187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5F187 }
```

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

```
.background{ background-color:#B5F187 }
```

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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