

# Converting Colors

Hex(B5D389)

Have a look what the booklet for  
Hex(B5D389) contains.

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**Color**

**Hex(B5D389)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5D389
RGB	181, 211, 137
RGB Percent	71%, 83%, 54%
CMY	0.2902, 0.1725, 0.4627
CMYK	0.14, 0.00, 0.35, 0.17
HSL	84°, 46%, 68%
HSV	84°, 35%, 83%
XYZ	46.8657, 58.2184, 32.4341
YIQ	193.5940, 5.8740, -29.3740

# Conversions

## Conversions Part 2

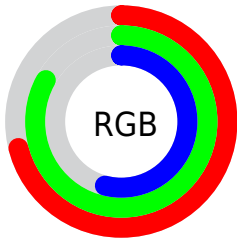
Format	Color
<a href="#">RYB</a>	<a href="#">137, 211, 167</a>
Decimal	<a href="#">11916169</a>
CIELab	<a href="#">80.86, -22.49, 33.43</a>
CIELCh	<a href="#">81, 40.290, 123.931</a>
Yxy	<a href="#">58.2184, 0.3408, 0.4234</a>
Android (android.graphics.Color)	<a href="#">4290106249</a> ( <a href="#">0xFFB5D389</a> )
YUV	<a href="#">193.5940, -27.9008, -11.0449</a>
Hunter-Lab	<a href="#">76.3010, -23.8883, 28.2076</a>

# Details

The Hex color **B5D389** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A789D3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EEFFBF**, and **7F9C56** is the 20% darker color. If you saturate the color by 10%, you get **ACD374**, and if you desaturate by 10%, it is **BED39E**.

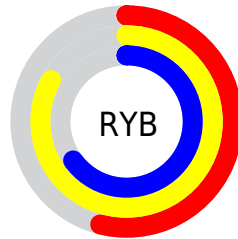
# Distribution



Red (71%)

Green (83%)

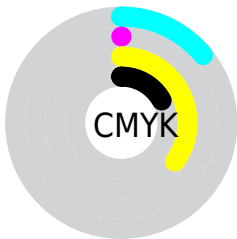
Blue (54%)



Red (54%)

Yellow (83%)

Blue (65%)

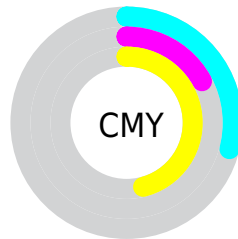


Cyan (14%)

Magenta (0%)

Yellow (35%)

Black (17%)



Cyan (29%)

Magenta (17%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5D389 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 B5D389 by changing the saturation by 10% instead.



 B5D389

 B5D389

FFFFFF

 9AB76F

 EEFFBF

 7F9C56

 FFFFDB

 65823E

 FFFFF8

 4C6926

 34510E

 1D3900

 012400

 000600

 000000

 B5D389

 B5D389

 ACD374

 BED39E

 A4D35F

 C6D3B3

 9BD34A

 CFD3C8

 93D335

 D7D3DD

 8AD31F

 E0D3F3

 82D30A

 E8D3FF

 7DD300

 F1D3FF

 F9D3FF

 FFD3FF

# Harmonies

## Analogous

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



DDC87D



B5D389



88DAA6

# Triad

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



B5D389



5DD5FF



FFACC5

# Complementary

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



B5D389



A789D3

# Split Complementary

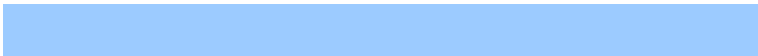
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FDB1EB



B5D389



9CCBFF

# Square

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



B5D389



38DCF2



D4BDFF



FFB0A1

# Rectangle

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



B5D389



68DDC0



D4BDFF



FFACD2



# Sweetspot

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



B5D389



F4FFE3



D3A789



79806F



000000



808080

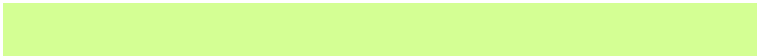


# Same Dimension

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



B5D389



D4FF94



90D389



64695E



64A800



182900



# Inverse Universe

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



A789D3



BF94FF



CC89D3



625E69



4400A8



110029



# Previews

## White Background



This preview shows how the Hex color B5D389 looks on a white background.

## Color Contrast Check

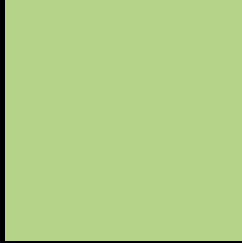
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B5D389 looks on a 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 B5D389 Background



This preview shows how black text looks on a background with the Hex color B5D389.

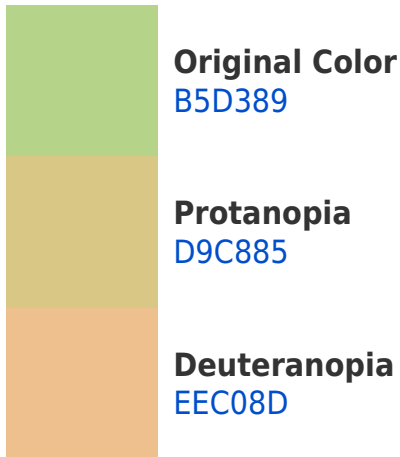


This preview shows how white text looks on a background with the Hex color B5D389.

# 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**  
C0C9D9

# Trichromacy



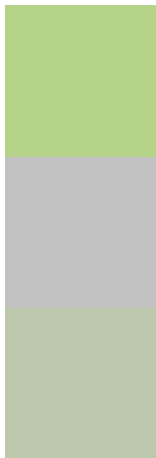
**Original Color**  
B5D389

**Protanomaly**  
CCCC86

**Deuteranomaly**  
D9C78C

**Tritanomaly**  
BCCDBC

# Monochromacy



**Original Color**  
B5D389

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
BDC8AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5D389 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 #B5D389 looks like.

```
.text, #text, p{  
    color:#B5D389  
}
```

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 #B5D389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D389
}
```

## Border

The CSS property to change the border of an element to Hex B5D389 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
#B5D389 }
```

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

```
.border{ border-color:#B5D389 }
```

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

Here you see how a box with a 4 pixel #B5D389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D389; -webkit-box-shadow:4px 4px  
4px 4px #B5D389; box-shadow:4px 4px 4px  
4px #B5D389 }
```

# Background

The CSS property to change the background color of an element to Hex B5D389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D389 }
```

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

```
.background{ background-color:#B5D389 }
```

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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