

Converting Colors

Hex(B5DC89)

Have a look what the booklet for
Hex(B5DC89) contains.

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Color

Hex(B5DC89)

Conversions

Conversions Part 1

Format	Color
Hex	B5DC89
RGB	181, 220, 137
RGB Percent	71%, 86%, 54%
CMY	0.2902, 0.1373, 0.4627
CMYK	0.18, 0.00, 0.38, 0.14
HSL	88°, 54%, 70%
HSV	88°, 38%, 86%
XYZ	49.1646, 62.8163, 33.2004
YIQ	198.8770, 3.3990, -34.0810

Conversions

Conversions Part 2

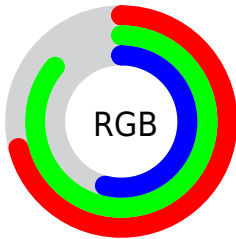
Format	Color
RYB	137, 220, 176
Decimal	11918473
CIELab	83.35, -26.85, 36.67
CIELCh	83, 45.448, 126.208
Yxy	62.8163, 0.3386, 0.4327
Android (android.graphics.Color)	4290108553 (0xFFB5DC89)
YUV	198.8770, -30.5054, -15.6781
Hunter-Lab	79.2567, -27.9720, 30.6433

Details

The Hex color **B5DC89** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B089DC**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EEFFBF**, and **7FA556** is the 20% darker color. If you saturate the color by 10%, you get **ABDC73**, and if you desaturate by 10%, it is **BFDC9F**.

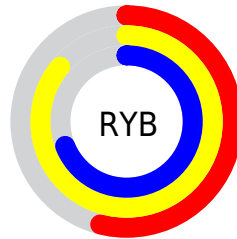
Distribution



Red (71%)

Green (86%)

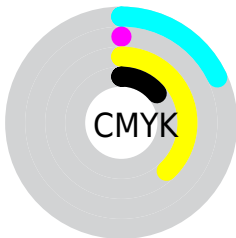
Blue (54%)



Red (54%)

Yellow (86%)

Blue (69%)

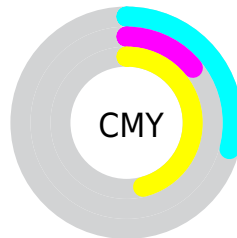


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5DC89 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 B5DC89 by changing the saturation by 10% instead.

 B5DC89

FFFFFF

 EEFFBF

 FFFFDB

 FFFFF8

 B5DC89

 9AC06F

 7FA556

 658A3D

 4B7125

 32580B

 1A4000

 002A00

 001400

 000000

 B5DC89

 B5DC89

 ABDC73

 BFDC9F

 A0DC5D

 CADCB5

 96DC47

 D4DCCB

 8CDC31

 DEDCE1

 81DC1B

 E9DCF7

 77DC05

 F3DCFF

 75DC00

 FDDCFF

 FFDCFF

Harmonies

Analogous

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



E3D079



B5DC89



80E4AC

Triad

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



B5DC89



4EDDF



FFAEC8

Complementary

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



B5DC89



B089DC

Split Complementary

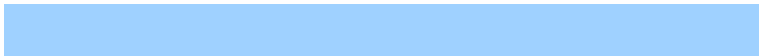
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB3F3



B5DC89



9FD1FF

Square

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



B5DC89



00E5FF



E0C1FF



FFB49F

Rectangle

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



B5DC89



56E6C9



E0C1FF



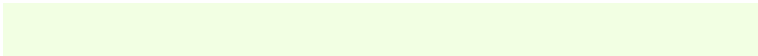
FFAED7

Sweetspot

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



B5DC89



F2FFE3



DCB089



78806F



000000



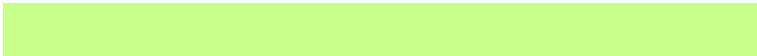
808080

Same Dimension

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



B5DC89



C9FF8C



8CDC89



686E63



5CAD00



182E00

Inverse Universe

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



B089DC



C28CFF



D989DC



68636E



5100AD



16002E

Previews

White Background



This preview shows how the Hex color B5DC89 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 B5DC89 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 B5DC89 Background



This preview shows how black text looks on a background with the Hex color B5DC89.

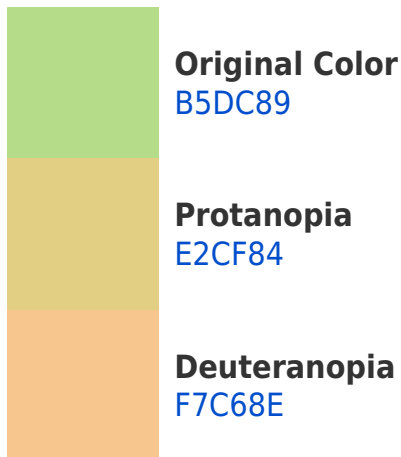


This preview shows how white text looks on a background with the Hex color B5DC89.

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
C2D1E2

Trichromacy



Original Color
B5DC89



Protanomaly
D2D486



Deuteranomaly
DFCE8C



Tritanomaly
BDD5C2

Monochromacy



Original Color
B5DC89



Achromatopsia
C7C7C7



Achromatomaly
C0CFB0

CSS Examples

Text

The CSS property to change the color of the text to Hex B5DC89 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 #B5DC89 looks like.

```
.text, #text, p{  
    color:#B5DC89  
}
```

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 #B5DC89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DC89
}
```

Border

The CSS property to change the border of an element to Hex B5DC89 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
#B5DC89 }
```

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

```
.border{ border-color:#B5DC89 }
```

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

Here you see how a box with a 4 pixel #B5DC89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DC89; -webkit-box-shadow:4px 4px  
4px 4px #B5DC89; box-shadow:4px 4px 4px  
4px #B5DC89 }
```

Background

The CSS property to change the background color of an element to Hex B5DC89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DC89 }
```

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

```
.background{ background-color:#B5DC89 }
```

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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