

Converting Colors

Hex(B5D779)

Have a look what the booklet for
Hex(B5D779) contains.

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Color

Hex(B5D779)

Conversions

Conversions Part 1

Format	Color
Hex	B5D779
RGB	181, 215, 121
RGB Percent	71%, 84%, 47%
CMY	0.2902, 0.1569, 0.5255
CMYK	0.16, 0.00, 0.44, 0.16
HSL	82°, 54%, 66%
HSV	82°, 44%, 84%
XYZ	46.8077, 59.8051, 27.1657
YIQ	194.1180, 9.9100, -36.4420

Conversions

Conversions Part 2

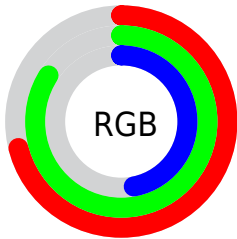
Format	Color
RYB	121, 215, 155
Decimal	11917177
CIELab	81.73, -26.41, 42.60
CIELCh	82, 50.120, 121.801
Yxy	59.8051, 0.3499, 0.4470
Android (android.graphics.Color)	4290107257 (0xFFB5D779)
YUV	194.1180, -36.0472, -11.5045
Hunter-Lab	77.3338, -27.2937, 33.3063

Details

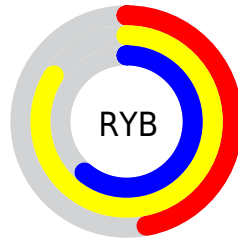
The Hex color **B5D779** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9B79D7**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EEFFAF**, and **7EA046** is the 20% darker color. If you saturate the color by 10%, you get **ADD764**, and if you desaturate by 10%, it is **BDD78F**.

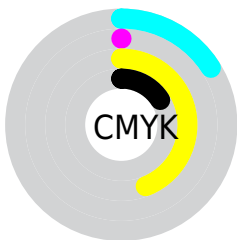
Distribution



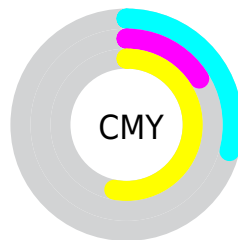
- Red (71%)
- Green (84%)
- Blue (47%)



- Red (47%)
- Yellow (84%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (44%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D779 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 B5D779 by changing the saturation by 10% instead.

 B5D779

FFFFFF

 EEFFAF

 FFFFCB

 FFFFE7


 B5D779

 99BB5F

 7EA046

 64862D

 4A6C12

 315400

 183D00

 002700

 000C00

 000000

 B5D779

 B5D779

 ADD764

 BDD78F

 A5D74E

 C5D7A4

 9ED738

 CCD7BA

 96D723

 D4D7CF

 8ED70D

 DCD7E5

 89D700

 E4D7FA

 EBD7FF

 F3D7FF

 FBD7FF

Harmonies

Analogous

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



E6C96B



B5D779



7AE09D

Triad

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



B5D779



00DCFF



FFA5CA

Complementary

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



B5D779



9B79D7

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.



FFADF8



B5D779



85CFFF

Square

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



B5D779



00E2FB



D3BEFF



FFAA9C

Rectangle

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



B5D779



46E3BC



D3BEFF



FFA6DA

Sweetspot

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



B5D779



F3FFDE



D79A79



78806B



000000



808080

Same Dimension

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



B5D779



CFFF7A



87D779



676B60



6DAB00



1C2B00

Inverse Universe

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



9B79D7



AA7AFF



C979D7



64606B



3E00AB



10002B

Previews

White Background



This preview shows how the Hex color B5D779 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 B5D779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

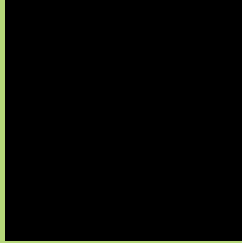
Any Text WCAG AA ✓ Pass

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 B5D779 Background



This preview shows how black text looks on a background with the Hex color B5D779.

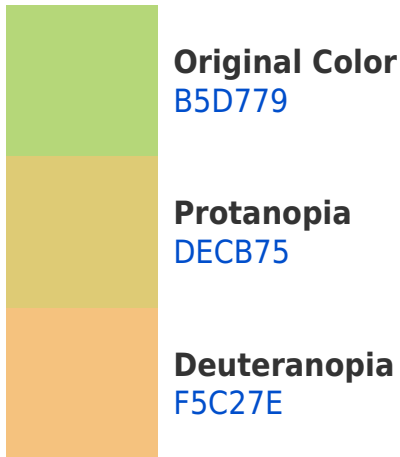


This preview shows how white text looks on a background with the Hex color B5D779.

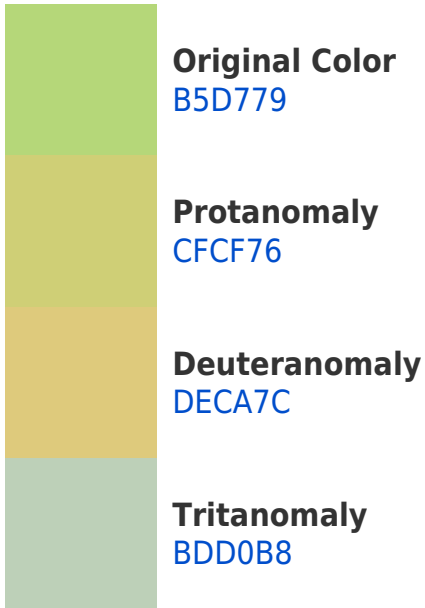
Color Blindness Simulation

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](#).

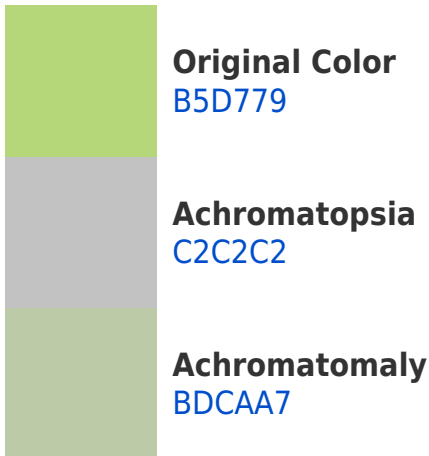
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5D779 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 #B5D779 looks like.

```
.text, #text, p{  
    color:#B5D779  
}
```

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 #B5D779 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D779  
}
```

Border

The CSS property to change the border of an element to Hex B5D779 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  
#B5D779 }
```

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

```
.border{ border-color:#B5D779 }
```

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

Here you see how a box with a 4 pixel #B5D779 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D779; -webkit-box-shadow:4px 4px  
4px 4px #B5D779; box-shadow:4px 4px 4px  
4px #B5D779 }
```

Background

The CSS property to change the background color of an element to Hex B5D779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D779 }
```

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

```
.background{ background-color:#B5D779 }
```

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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