

Converting Colors

Hex(B2D19E)

Have a look what the booklet for
Hex(B2D19E) contains.

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Color

Hex(B2D19E)

Conversions

Conversions Part 1

Format	Color
Hex	B2D19E
RGB	178, 209, 158
RGB Percent	70%, 82%, 62%
CMY	0.3020, 0.1804, 0.3804
CMYK	0.15, 0.00, 0.24, 0.18
HSL	96°, 36%, 72%
HSV	96°, 24%, 82%
XYZ	47.3321, 57.5345, 40.9584
YIQ	193.9170, -2.1050, -22.4330

Conversions

Conversions Part 2

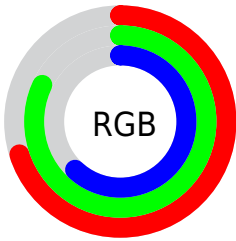
Format	Color
RYB	158, 209, 189
Decimal	11719070
CIELab	80.48, -19.54, 21.97
CIELCh	80, 29.403, 131.654
Yxy	57.5345, 0.3246, 0.3945
Android (android.graphics.Color)	4289909150 (0xFFB2D19E)
YUV	193.9170, -17.7071, -13.9592
Hunter-Lab	75.8515, -21.3543, 21.0806

Details

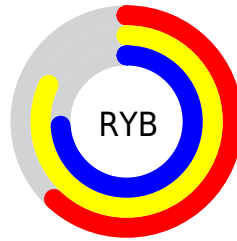
The Hex color **B2D19E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD9ED1**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EAFD5**, and **7D9A6A** is the 20% darker color. If you saturate the color by 10%, you get **A5D189**, and if you desaturate by 10%, it is **BFD1B3**.

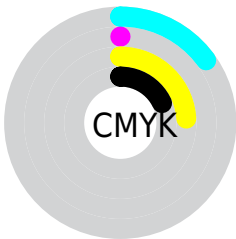
Distribution



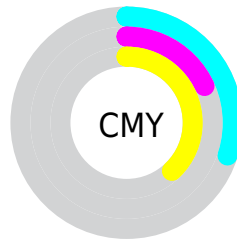
- Red (70%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (74%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D19E 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 B2D19E by changing the saturation by 10% instead.

 B2D19E

 B2D19E

FFFFFF

 97B584

 EAFFD5

 7D9A6A

 FFFFF1

 638052

 4B673A

 334F24

 1C380F

 072200

 000300

 000000

 B2D19E

 B2D19E

 A5D189

 BFD1B3

 99D174

 CBD1C8

 8CD15F

 D8D1DD

 7FD14A

 E5D1F2

 72D136

 F2D1FF

 66D121

 FED1FF

 59D10C

 FFD1FF

 52D100

Harmonies

Analogous

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



D1C992



B2D19E



93D6B6

Triad

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



B2D19E



8FCFFB



FFB4BE

Complementary

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



B2D19E



BD9ED1

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.



F4B6DA



B2D19E



B5C7FD

Square

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



B2D19E



77D5EB



D9BDF1



FBB8A4

Rectangle

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



B2D19E



81D7C8



D9BDF1



FDB4C7

Sweetspot

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



B2D19E



F4FFED



D1BD9E



798075



000000



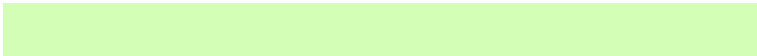
808080

Same Dimension

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



B2D19E



D2FFB5



9ED1A3



62695E



42A800



102900

Inverse Universe

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



BD9ED1



E2B5FF



D19ECC



645E69



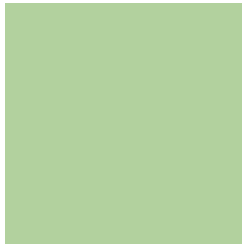
6600A8



190029

Previews

White Background



This preview shows how the Hex color B2D19E looks on a white background.

Color Contrast Check

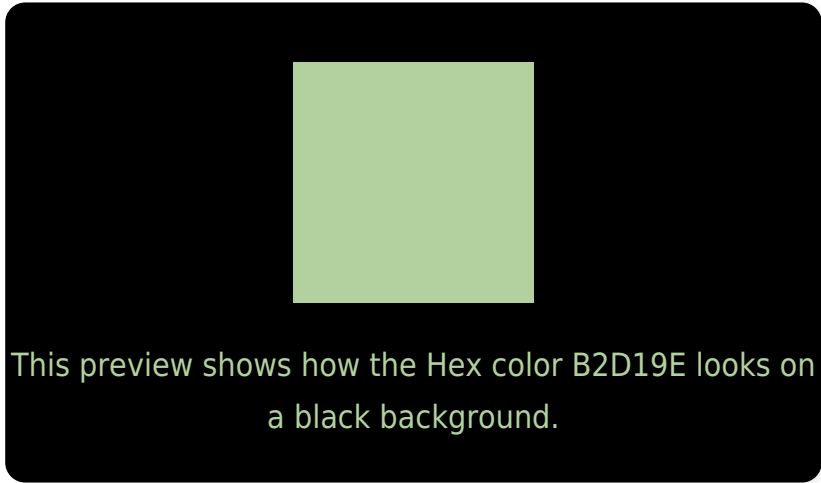
Large Text (above 18pt) WCAG AA × Fail

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

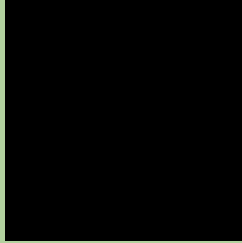
Any Text WCAG AA ✓ Pass

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 B2D19E Background



This preview shows how black text looks on a background with the Hex color B2D19E.

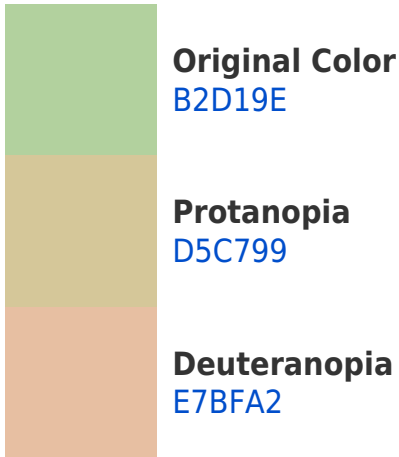


This preview shows how white text looks on a background with the Hex color B2D19E.

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](#).

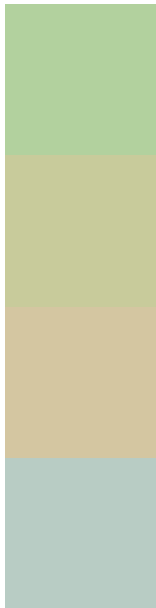
Dichromacy





Tritanopia
BBC9D9

Trichromacy



Original Color
B2D19E

Protanomaly
C8CB9B

Deuteranomaly
D4C6A1

Tritanomaly
B8CCC4

Monochromacy



Original Color
B2D19E

Achromatopsia
C2C2C2

Achromatomaly
BCC7B5

CSS Examples

Text

The CSS property to change the color of the text to Hex B2D19E 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 #B2D19E looks like.

```
.text, #text, p{  
    color:#B2D19E  
}
```

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 #B2D19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D19E
}
```

Border

The CSS property to change the border of an element to Hex B2D19E 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
#B2D19E }
```

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

```
.border{ border-color:#B2D19E }
```

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

Here you see how a box with a 4 pixel #B2D19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D19E; -webkit-box-shadow:4px 4px  
4px 4px #B2D19E; box-shadow:4px 4px 4px  
4px #B2D19E }
```

Background

The CSS property to change the background color of an element to Hex B2D19E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D19E }
```

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

```
.background{ background-color:#B2D19E }
```

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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