

Converting Colors

Hex(B2D09E)

Have a look what the booklet for
Hex(B2D09E) contains.

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Color

Hex(B2D09E)

Conversions

Conversions Part 1

Format	Color
Hex	B2D09E
RGB	178, 208, 158
RGB Percent	70%, 82%, 62%
CMY	0.3020, 0.1843, 0.3804
CMYK	0.14, 0.00, 0.24, 0.18
HSL	96°, 35%, 72%
HSV	96°, 24%, 82%
XYZ	47.0875, 57.0453, 40.8768
YIQ	193.3300, -1.8300, -21.9100

Conversions

Conversions Part 2

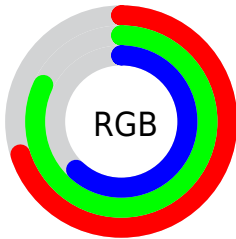
Format	Color
RYB	158, 208, 188
Decimal	11718814
CIELab	80.21, -19.04, 21.59
CIElCh	80, 28.791, 131.412
Yxy	57.0453, 0.3247, 0.3934
Android (android.graphics.Color)	4289908894 (0xFFB2D09E)
YUV	193.3300, -17.4177, -13.4444
Hunter-Lab	75.5284, -20.8903, 20.7814

Details

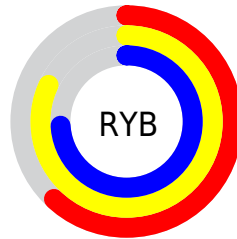
The Hex color **B2D09E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BC9ED0**, and the grayscale version is **C2C2C2**.

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 **A6D089**, and if you desaturate by 10%, it is **BED0B3**.

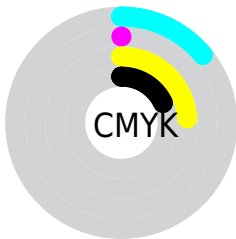
Distribution



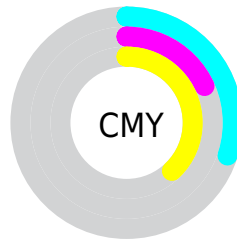
- Red (70%)
- Green (82%)
- Blue (62%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B2D09E 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 B2D09E by changing the saturation by 10% instead.

 B2D09E

 B2D09E

FFFFFF

 97B484

 EAFFD5

 7D9A6A

 FFFFF1

 637F52

 4B663A

 334E24

 1D370F

 072200

 000100

 000000

 B2D09E

 B2D09E

 A6D089

 BED0B3

 99D074

 CBD0C8

 8DD060

 D7D0DC

 80D04B

 E4D0F1

 74D036

 F0D0FF

 67D021

 FDD0FF

 5BD00C

 FFD0FF

 53D000

Harmonies

Analogous

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



D0C892



B2D09E



94D5B5

Triad

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



B2D09E



90CEF9



FDB3BD

Complementary

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



B2D09E



BC9ED0

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.



F2B5D9



B2D09E



B4C6FB

Square

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



B2D09E



79D4EA



D8BDEF



FAB7A5

Rectangle

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



B2D09E



83D6C7



D8BDEF



FBB3C7

Sweetspot

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



B2D09E



F4FFED



D0BC9E



798075



000000



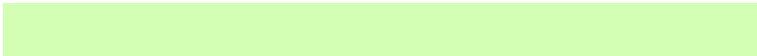
808080

Same Dimension

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



B2D09E



D3FFB5



9ED0A3



62695E



43A800



102900

Inverse Universe

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



BC9ED0



E1B5FF



D09ECB



645E69



6500A8



180029

Previews

White Background



This preview shows how the Hex color B2D09E looks on a white background.

Color Contrast Check

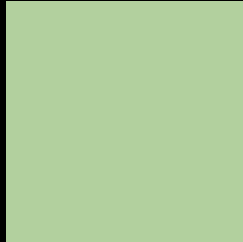
Large Text (above 18pt) WCAG AA × Fail

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 B2D09E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

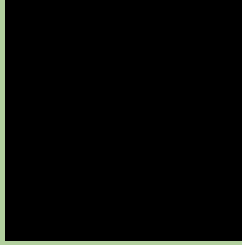
Any Text WCAG AA ✓ Pass

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 B2D09E Background



This preview shows how black text looks on a background with the Hex color B2D09E.

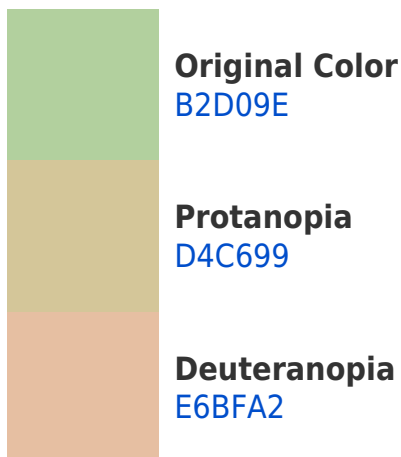


This preview shows how white text looks on a background with the Hex color B2D09E.

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](#).

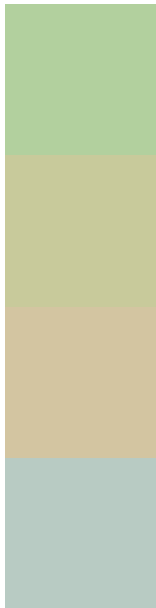
Dichromacy





Tritanopia
BBC8D8

Trichromacy



Original Color
B2D09E

Protanomaly
C8CA9B

Deuteranomaly
D3C5A1

Tritanomaly
B8CBC3

Monochromacy



Original Color
B2D09E

Achromatopsia
C1C1C1

Achromatomaly
BCC6B4

CSS Examples

Text

The CSS property to change the color of the text to Hex B2D09E 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 #B2D09E looks like.

```
.text, #text, p{  
    color:#B2D09E  
}
```

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 #B2D09E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D09E
}
```

Border

The CSS property to change the border of an element to Hex B2D09E 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
#B2D09E }
```

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

```
.border{ border-color:#B2D09E }
```

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

Here you see how a box with a 4 pixel #B2D09E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D09E; -webkit-box-shadow:4px 4px  
4px 4px #B2D09E; box-shadow:4px 4px 4px  
4px #B2D09E }
```

Background

The CSS property to change the background color of an element to Hex B2D09E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D09E }
```

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

```
.background{ background-color:#B2D09E }
```

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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