

Converting Colors

Hex(B2D96F)

Have a look what the booklet for
Hex(B2D96F) contains.

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Color

Hex(B2D96F)

Conversions

Conversions Part 1

Format	Color
Hex	B2D96F
RGB	178, 217, 111
RGB Percent	70%, 85%, 44%
CMY	0.3020, 0.1490, 0.5647
CMYK	0.18, 0.00, 0.49, 0.15
HSL	82°, 58%, 64%
HSV	82°, 49%, 85%
XYZ	46.0422, 60.2384, 24.2394
YIQ	193.2550, 10.7820, -41.2340

Conversions

Conversions Part 2

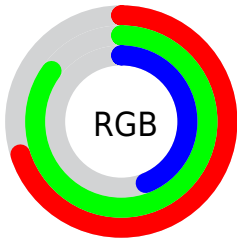
Format	Color
RYB	111, 217, 150
Decimal	11721071
CIELab	81.97, -29.59, 47.70
CIElCh	82, 56.130, 121.815
Yxy	60.2384, 0.3528, 0.4615
Android (android.graphics.Color)	4289911151 (0xFFB2D96F)
YUV	193.2550, -40.5517, -13.3786
Hunter-Lab	77.6134, -29.9328, 35.8125

Details

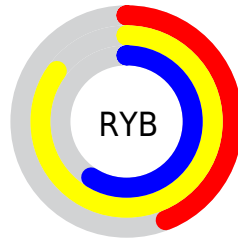
The Hex color **B2D96F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **966FD9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EBFFA5**, and **7BA23B** is the 20% darker color. If you saturate the color by 10%, you get **AAD959**, and if you desaturate by 10%, it is **BAD985**.

Distribution



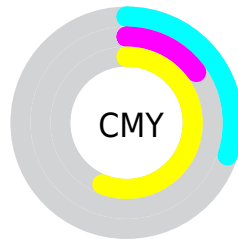
- Red (70%)
- Green (85%)
- Blue (44%)



- Red (44%)
- Yellow (85%)
- Blue (59%)



- Cyan (18%)
- Magenta (0%)
- Yellow (49%)
- Black (15%)



- Cyan (30%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D96F 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 B2D96F by changing the saturation by 10% instead.

 B2D96F

 B2D96F

FFFFFF

 96BD55

 EBFFA5

 7BA23B

 FFFFC1

 608821

 FFFFDD

 466E00

 FFFFFA

 2D5500

 113E00

 002800

 000D00

 000000

 B2D96F

 B2D96F

 AAD959

 BAD985

 A2D944

 C2D99A

 9AD92E

 CAD9B0

 92D918

 D2D9C6

 8AD903

 DAD9DC

 89D900

 E2D9F1

 EAD9FF

 F2D9FF

 FAD9FF

Harmonies

Analogous

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



E8CA5F



B2D96F



6EE398

Triad

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



B2D96F



00DEFF



FFA0CB

Complementary

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



B2D96F



966FD9

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.



FFA9FE



B2D96F



76D0FF

Square

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



B2D96F



00E5FF



D4BDFF



FFA697

Rectangle

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



B2D96F



13E6BB



D4BDFF



FFA1DD

Sweetspot

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



B2D96F



F1FFD9



D9966F



778069



000000



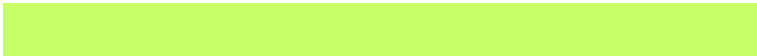
808080

Same Dimension

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



B2D96F



C8FF69



7DD96F



6A6E63



6EAD00



1D2E00

Inverse Universe

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



966FD9



A069FF



CB6FD9



67636E



4000AD



11002E

Previews

White Background



This preview shows how the Hex color B2D96F looks on a white background.

Color Contrast Check

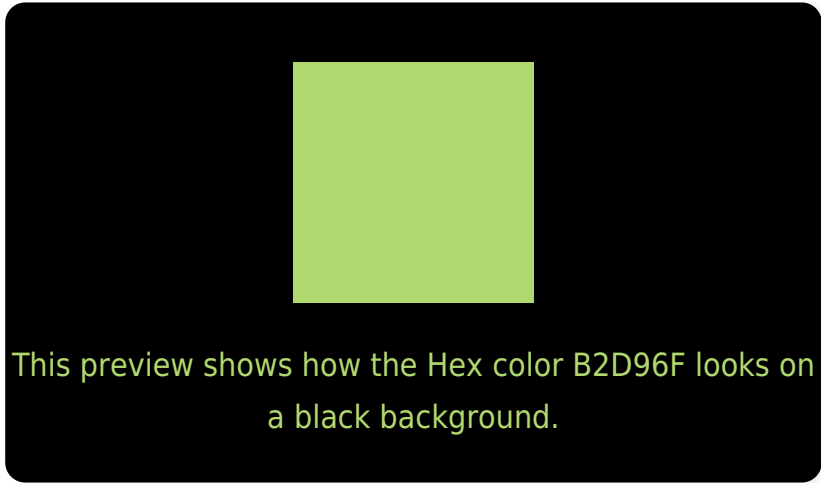
Large Text (above 18pt) WCAG AA × Fail

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 B2D96F Background



This preview shows how black text looks on a background with the Hex color B2D96F.

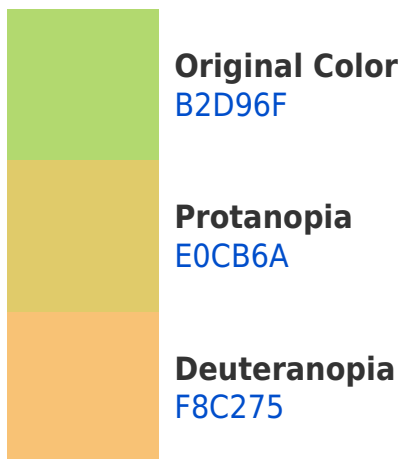


This preview shows how white text looks on a background with the Hex color B2D96F.

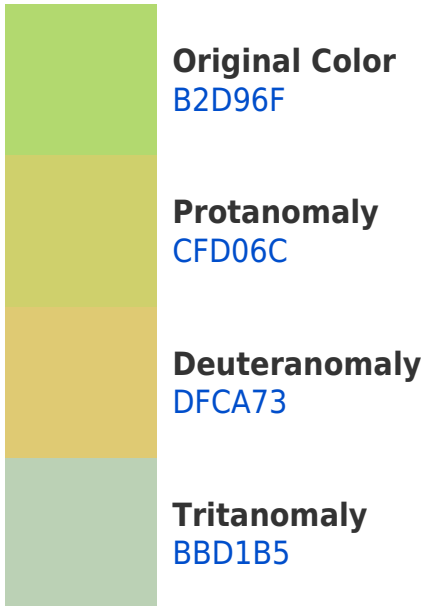
Color Blindness Simulation

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](#).

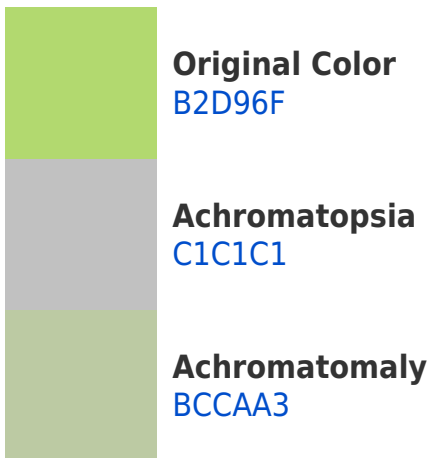
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2D96F 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 #B2D96F looks like.

```
.text, #text, p{  
    color:#B2D96F  
}
```

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 #B2D96F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D96F
}
```

Border

The CSS property to change the border of an element to Hex B2D96F 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
#B2D96F }
```

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

```
.border{ border-color:#B2D96F }
```

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

Here you see how a box with a 4 pixel #B2D96F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D96F; -webkit-box-shadow:4px 4px  
4px 4px #B2D96F; box-shadow:4px 4px 4px  
4px #B2D96F }
```

Background

The CSS property to change the background color of an element to Hex B2D96F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D96F }
```

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

```
.background{ background-color:#B2D96F }
```

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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