

Converting Colors

Hex(B9D16C)

Have a look what the booklet for
Hex(B9D16C) contains.

Hex(B9D16C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B9D16C)

Conversions

Conversions Part 1

Format	Color
Hex	B9D16C
RGB	185, 209, 108
RGB Percent	73%, 82%, 42%
CMY	0.2745, 0.1804, 0.5765
CMYK	0.11, 0.00, 0.48, 0.18
HSL	74°, 52%, 62%
HSV	74°, 48%, 82%
XYZ	45.5148, 56.9979, 22.7902
YIQ	190.3100, 18.1170, -36.4990

Conversions

Conversions Part 2

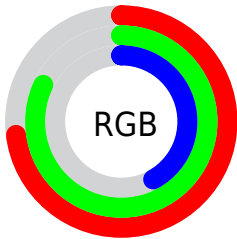
Format	Color
RYB	108, 209, 132
Decimal	12177772
CIELab	80.18, -23.38, 47.08
CIELCh	80, 52.565, 116.414
Yxy	56.9979, 0.3632, 0.4549
Android (android.graphics.Color)	4290367852 (0xFFB9D16C)
YUV	190.3100, -40.5788, -4.6569
Hunter-Lab	75.4970, -24.5075, 34.9501

Details

The Hex color **B9D16C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **846CD1**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **F3FFA1**, and **829B39** is the 20% darker color. If you saturate the color by 10%, you get **B4D157**, and if you desaturate by 10%, it is **BED181**.

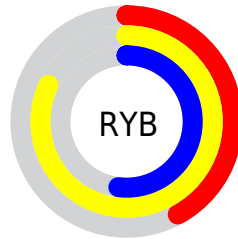
Distribution



Red (73%)

Green (82%)

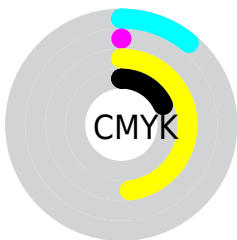
Blue (42%)



Red (42%)

Yellow (82%)

Blue (52%)

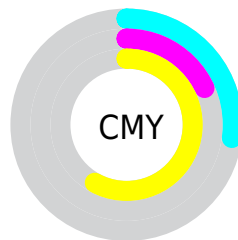


Cyan (11%)

Magenta (0%)

Yellow (48%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9D16C 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 B9D16C by changing the saturation by 10% instead.

 B9D16C

FFFFFF

 F3FFA1

 FFFFBD

 FFFFD9

 FFFFF6

 B9D16C

 9DB552

 829B39

 67811E

 4D6700

 344F00

 1B3800

 002300

 000100

 000000

 B9D16C

 B9D16C

 B4D157

 BED181

 AFD142

 C3D196

 AAD12D

 C8D1AB

 A5D118

 CDD1C0

 A0D104

 D2D1D5

 9FD100

 D7D1E9

 DCD1FE

 E1D1FF

 E6D1FF

Harmonies

Analogous

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



EAC263



B9D16C



7DDB8F

Triad

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



B9D16C



00DAFF



FF9FCF

Complementary

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



B9D16C



846CD1

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.



FEAAFE



B9D16C



66CEFF

Square

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



B9D16C



00E0F1



C2BCFF



FFA29E

Rectangle

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



B9D16C



46DFAE



C2BCFF



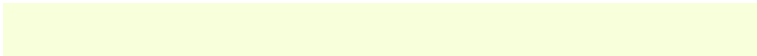
FFA1DF

Sweetspot

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



B9D16C



F7FFDB



D1846C



7A806A



000000



808080

Same Dimension

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



B9D16C



DCFF6B



87D16C



66695E



80A800



1F2900

Inverse Universe

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



846CD1



8E6BFF



B66CD1



615E69



2800A8



0A0029

Previews

White Background



This preview shows how the Hex color B9D16C 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 B9D16C 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 B9D16C Background



This preview shows how black text looks on a background with the Hex color B9D16C.

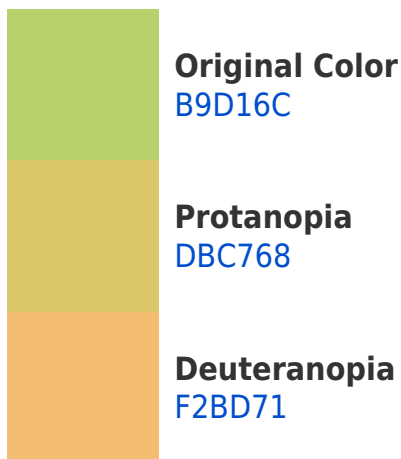


This preview shows how white text looks on a background with the Hex color B9D16C.

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](#).

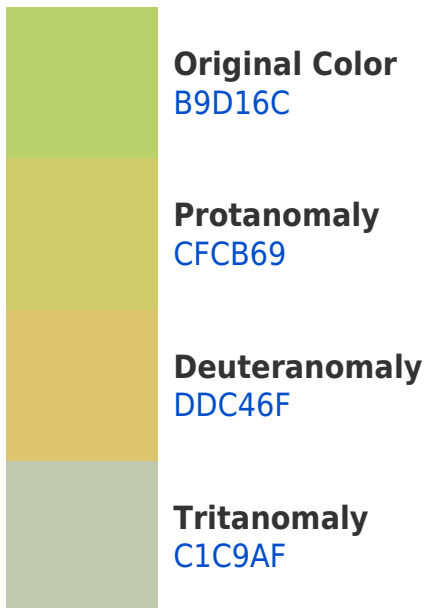
Dichromacy



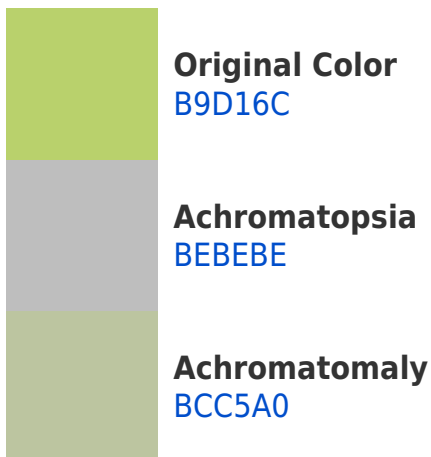


Tritanopia
C6C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9D16C 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 #B9D16C looks like.

```
.text, #text, p{  
    color:#B9D16C  
}
```

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 #B9D16C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D16C
}
```

Border

The CSS property to change the border of an element to Hex B9D16C 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
#B9D16C }
```

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

```
.border{ border-color:#B9D16C }
```

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

Here you see how a box with a 4 pixel #B9D16C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D16C; -webkit-box-shadow:4px 4px  
4px 4px #B9D16C; box-shadow:4px 4px 4px  
4px #B9D16C }
```

Background

The CSS property to change the background color of an element to Hex B9D16C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D16C }
```

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

```
.background{ background-color:#B9D16C }
```

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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