

Converting Colors

Hex(B8D068)

Have a look what the booklet for
Hex(B8D068) contains.

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Color

Hex(B8D068)

Conversions

Conversions Part 1

Format	Color
Hex	B8D068
RGB	184, 208, 104
RGB Percent	72%, 82%, 41%
CMY	0.2784, 0.1843, 0.5922
CMYK	0.12, 0.00, 0.50, 0.18
HSL	74°, 53%, 61%
HSV	74°, 50%, 82%
XYZ	44.8217, 56.3016, 21.6016
YIQ	188.9680, 19.0800, -37.4320

Conversions

Conversions Part 2

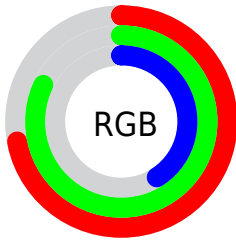
Format	Color
RYB	104, 208, 128
Decimal	12111976
CIELab	79.79, -23.68, 48.50
CIELCh	80, 53.974, 116.028
Yxy	56.3016, 0.3652, 0.4588
Android (android.graphics.Color)	4290302056 (0xFFB8D068)
YUV	188.9680, -41.8892, -4.3569
Hunter-Lab	75.0344, -24.6833, 35.4551

Details

The Hex color **B8D068** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8068D0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F2FF9D**, and **819A34** is the 20% darker color. If you saturate the color by 10%, you get **B3D053**, and if you desaturate by 10%, it is **BDD07D**.

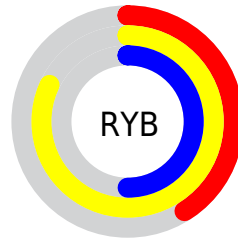
Distribution



Red (72%)

Green (82%)

Blue (41%)



Red (41%)

Yellow (82%)

Blue (50%)

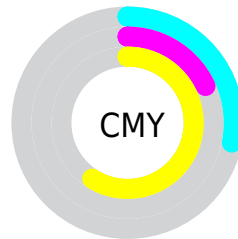


Cyan (12%)

Magenta (0%)

Yellow (50%)

Black (18%)



Cyan (28%)

Magenta (18%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8D068 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 B8D068 by changing the saturation by 10% instead.

 B8D068

 B8D068

FFFFFF

 9CB44E

 F2FF9D

 819A34

 FFFFB9

 668019

 FFFF5D

 4C6600

 FFFFF2

 334E00

 193700

 002200

 000000

 B8D068

 B8D068

 B3D053

 BDD07D

 AED03E

 C2D092

 AAD02A

 C6D0A6

 A5D015

 CBD0BB

 A0D000

 D0D0D0

 D5D0E5

 DAD0FA

 DED0FF

 E3D0FF

Harmonies

Analogous

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



EAC15F



B8D068



7BDA8B

Triad

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



B8D068



00D9FF



FF9CCF

Complementary

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



B8D068



8068D0

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.



FEA8FF



B8D068



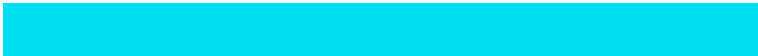
5DCDFF

Square

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



B8D068



00DFF0



BFBBFF



FF9F9C

Rectangle

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



B8D068



3FDEAC



BFBBFF



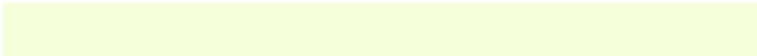
FF9FDF

Sweetspot

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



B8D068



F6FFD9



D07F68



7A8069



000000



808080

Same Dimension

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



B8D068



DCFF66



85D068



66695E



81A800



1F2900

Inverse Universe

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



8068D0



8966FF



B368D0



615E69



2700A8



090029

Previews

White Background



This preview shows how the Hex color B8D068 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 B8D068 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 B8D068 Background



This preview shows how black text looks on a background with the Hex color B8D068.

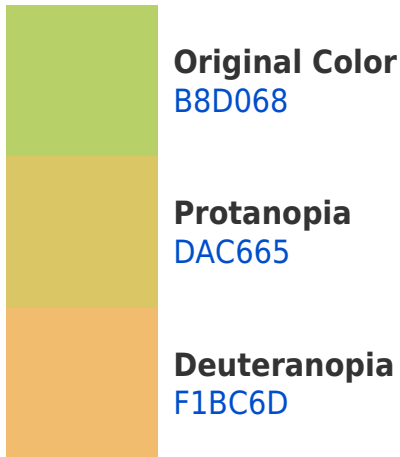


This preview shows how white text looks on a background with the Hex color B8D068.

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
C5C4D4

Trichromacy



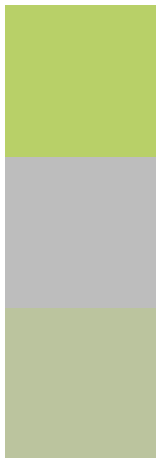
Original Color
B8D068

Protanomaly
CECA66

Deuteranomaly
DCC36B

Tritanomaly
C0C8AD

Monochromacy



Original Color
B8D068

Achromatopsia
BDBDBD

Achromatomaly
BBC49E

CSS Examples

Text

The CSS property to change the color of the text to Hex B8D068 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 #B8D068 looks like.

```
.text, #text, p{  
    color:#B8D068  
}
```

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 #B8D068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8D068  
}
```

Border

The CSS property to change the border of an element to Hex B8D068 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  
#B8D068 }
```

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

```
.border{ border-color:#B8D068 }
```

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

Here you see how a box with a 4 pixel #B8D068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8D068; -webkit-box-shadow:4px 4px  
4px 4px #B8D068; box-shadow:4px 4px 4px  
4px #B8D068 }
```

Background

The CSS property to change the background color of an element to Hex B8D068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8D068 }
```

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

```
.background{ background-color:#B8D068 }
```

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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