

Converting Colors

Hex(BBDA58)

Have a look what the booklet for
Hex(BBDA58) contains.

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Color

Hex(BBDA58)

Conversions

Conversions Part 1

Format	Color
Hex	BBDA58
RGB	187, 218, 88
RGB Percent	73%, 85%, 35%
CMY	0.2667, 0.1451, 0.6549
CMYK	0.14, 0.00, 0.60, 0.15
HSL	74°, 64%, 60%
HSV	74°, 60%, 85%
XYZ	47.3264, 61.4122, 18.5919
YIQ	193.9110, 23.2540, -47.0020

Conversions

Conversions Part 2

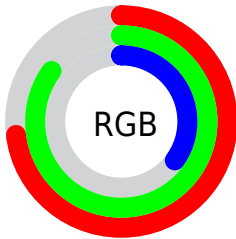
Format	Color
RYB	88, 218, 119
Decimal	12311128
CIELab	82.60, -28.70, 59.04
CIElCh	83, 65.649, 115.922
Yxy	61.4122, 0.3717, 0.4823
Android (android.graphics.Color)	4290501208 (0xFFBBDA58)
YUV	193.9110, -52.2141, -6.0609
Hunter-Lab	78.3659, -29.3415, 40.7899

Details

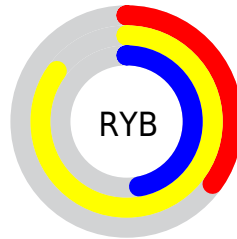
The Hex color **BBDA58** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7758DA**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F5FF8E**, and **83A31F** is the 20% darker color. If you saturate the color by 10%, you get **B6DA42**, and if you desaturate by 10%, it is **C0DA6E**.

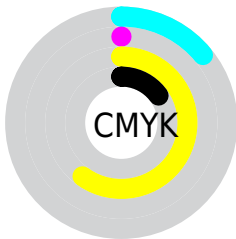
Distribution



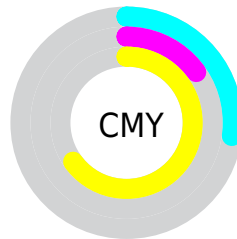
- Red (73%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (47%)



- Cyan (14%)
- Magenta (0%)
- Yellow (60%)
- Black (15%)



- Cyan (27%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBDA58 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 BBDA58 by changing the saturation by 10% instead.

 BBDA58

 BBDA58

FFFFFF

 9FBE3D

 F5FF8E

 83A31F

 FFFFFA

 678900

 FFFFC6

 4D6F00

 FFFF E3

 335700

 153F00

 002900

 001100

 000000

 BBDA58

 BBDA58

 B6DA42

 C0DA6E

 B1DA2C

 C5DA84

 ABDA17

 CBDA99

 A6DA01

 D0DAAF

 A6DA00

 D5DAC5

 DADADB

 DFDAF1

 E5DAFF

 EADAFF

Harmonies

Analogous

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



F7C74C



BBDA58



6CE685

Triad

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



BBDA58



00E5FF



FF98D9

Complementary

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



BBDA58



7758DA

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.



FFA8FF



BBDA58



00D7FF

Square

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



BBDA58



00ECFF



C2C1FF



FF9C9B

Rectangle

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



BBD A58



00E AAD



C2C 1FF



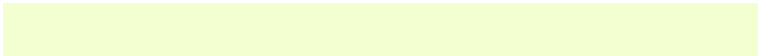
FF9 BED

Sweetspot

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



BBDA58



F4FFD1



DA7658



798063



000000



808080

Same Dimension

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



BBDA58



D3FF47



7BDA58



6B6E63



84AD00



232E00

Inverse Universe

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



7758DA



7347FF



B758DA



65636E



2900AD



0B002E

Previews

White Background



This preview shows how the Hex color BBDA58 looks on a white background.

Color Contrast Check

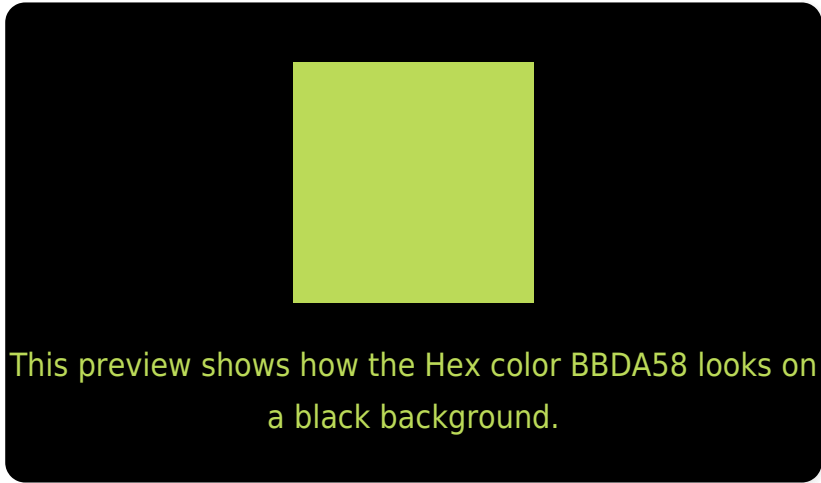
Large Text (above 18pt) WCAG AA × Fail

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 BBDA58 Background



This preview shows how black text looks on a background with the Hex color BBDA58.

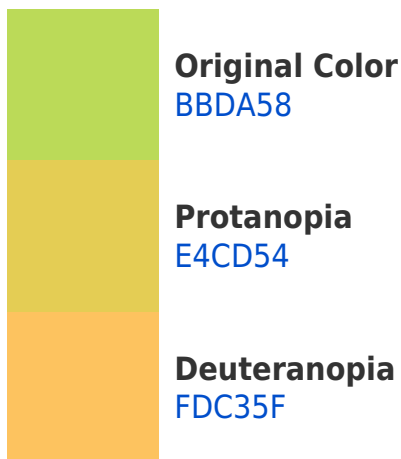


This preview shows how white text looks on a background with the Hex color BBDA58.

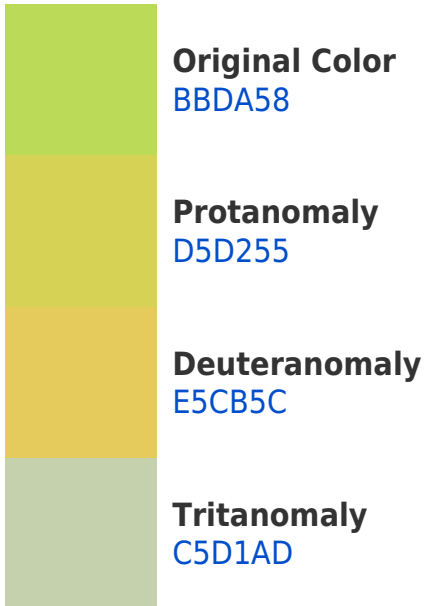
Color Blindness Simulation

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 BBDA58 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 #BBDA58 looks like.

```
.text, #text, p{  
    color:#BBDA58  
}
```

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 #BBDA58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBDA58
}
```

Border

The CSS property to change the border of an element to Hex BBDA58 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
#BBDA58 }
```

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

```
.border{ border-color:#BBDA58 }
```

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

Here you see how a box with a 4 pixel #BBDA58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBDA58; -webkit-box-shadow:4px 4px  
4px 4px #BBDA58; box-shadow:4px 4px 4px  
4px #BBDA58 }
```

Background

The CSS property to change the background color of an element to Hex BBDA58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBDA58 }
```

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

```
.background{ background-color:#BBDA58 }
```

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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