

Converting Colors

Hex(BBD64A)

Have a look what the booklet for
Hex(BBD64A) contains.

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Color

Hex(BBD64A)

Conversions

Conversions Part 1

Format	Color
Hex	BBD64A
RGB	187, 214, 74
RGB Percent	73%, 84%, 29%
CMY	0.2667, 0.1608, 0.7098
CMYK	0.13, 0.00, 0.65, 0.16
HSL	72°, 63%, 56%
HSV	72°, 65%, 84%
XYZ	45.7761, 59.1523, 15.4835
YIQ	189.9670, 28.8480, -49.2640

Conversions

Conversions Part 2

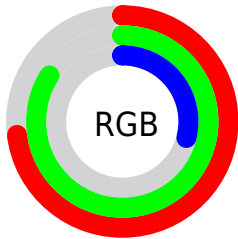
Format	Color
RYB	74, 214, 101
Decimal	12310090
CIELab	81.38, -27.80, 63.50
CIElCh	81, 69.314, 113.641
Yxy	59.1523, 0.3802, 0.4912
Android (android.graphics.Color)	4290500170 (0xFFBBD64A)
YUV	189.9670, -57.1717, -2.6021
Hunter-Lab	76.9106, -28.3527, 41.9013

Details

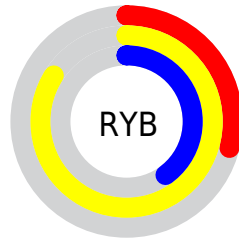
The Hex color **BBD64A** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **654AD6**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **F6FF81**, and **829F02** is the 20% darker color. If you saturate the color by 10%, you get **B7D635**, and if you desaturate by 10%, it is **BFD65F**.

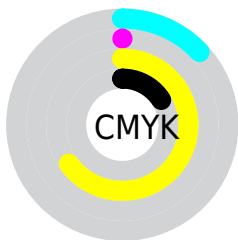
Distribution



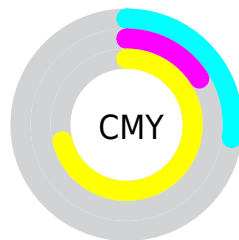
- Red (73%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (40%)



- Cyan (13%)
- Magenta (0%)
- Yellow (65%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBD64A 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 BBD64A by changing the saturation by 10% instead.

 BBD64A

 BBD64A

FFFFFF

 9EBA2D

 F6FF81

 829F02


 FFFF9D

 678500

 FFFFB9

 4C6C00

 FFFFD6

 315300

 FFFFF3

 143C00

 002600

 000900

 000000

 BBD64A

 BBD64A

 B7D635

 BFD65F

 B3D61F

 C3D675

 AFD60A

 C7D68A

 ADD600

 CCD6A0

 D0D6B5

 D4D6CA

 D8D6E0

 DCD6F5

 E0D6FF

Harmonies

Analogous

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



F9C240



BBD64A



68E37A

Triad

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



BBD64A



00E4FF



FF90DB

Complementary

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



BBD64A



654AD6

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.



FFA4FF



BBD64A



00D6FF

Square

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



BBD64A



00EAFC



B4BFFF



FF939A

Rectangle

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



BBD64A



00E8A3



B4BFFF



FF95F0

Sweetspot

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



BBD64A



F5FFCC



D6644A



7A8061



000000



808080

Same Dimension

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



BBD64A



D8FF36



76D64A



696B60



8AAB00



232B00

Inverse Universe

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



654AD6



5C36FF



AA4AD6



62606B



2100AB



08002B

Previews

White Background



This preview shows how the Hex color BBD64A looks on a white background.

Color Contrast Check

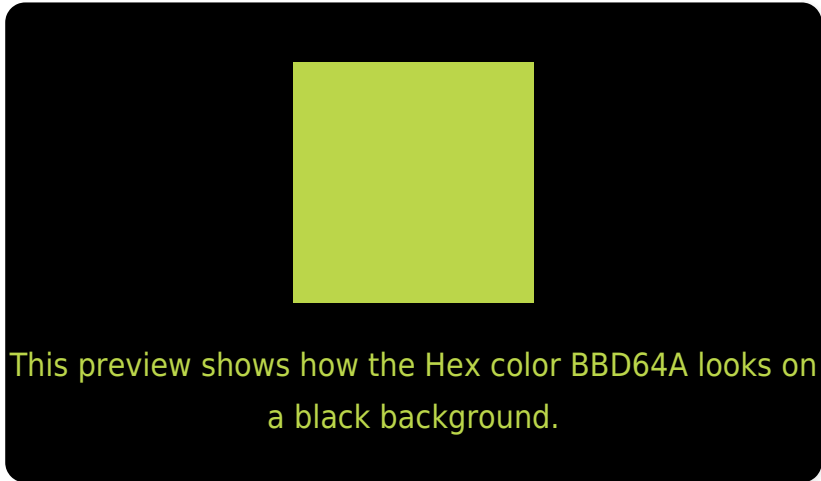
Large Text (above 18pt) WCAG AA × Fail

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 BBD64A Background



This preview shows how black text looks on a background with the Hex color BBD64A.

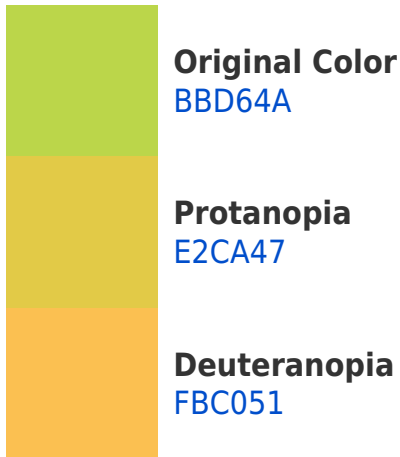


This preview shows how white text looks on a background with the Hex color BBD64A.

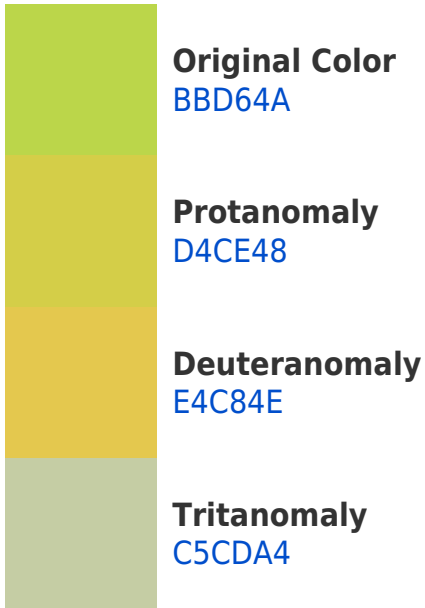
Color Blindness Simulation

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 BBD64A 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 #BBD64A looks like.

```
.text, #text, p{  
    color:#BBD64A  
}
```

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 #BBD64A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD64A
}
```

Border

The CSS property to change the border of an element to Hex BBD64A 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
#BBD64A }
```

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

```
.border{ border-color:#BBD64A }
```

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

Here you see how a box with a 4 pixel #BBD64A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD64A; -webkit-box-shadow:4px 4px  
4px 4px #BBD64A; box-shadow:4px 4px 4px  
4px #BBD64A }
```

Background

The CSS property to change the background color of an element to Hex BBD64A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD64A }
```

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

```
.background{ background-color:#BBD64A }
```

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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