

Converting Colors

Hex(BCCB54)

Have a look what the booklet for
Hex(BCCB54) contains.

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Color

Hex(BCCB54)

Conversions

Conversions Part 1

Format	Color
Hex	BCCB54
RGB	188, 203, 84
RGB Percent	74%, 80%, 33%
CMY	0.2627, 0.2039, 0.6706
CMYK	0.07, 0.00, 0.59, 0.20
HSL	68°, 53%, 56%
HSV	68°, 59%, 80%
XYZ	43.6952, 54.0433, 16.5159
YIQ	184.9490, 29.2590, -40.1890

Conversions

Conversions Part 2

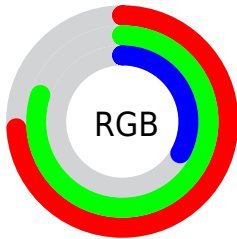
Format	Color
RYB	84, 203, 99
Decimal	12372820
CIELab	78.49, -21.38, 56.25
CIELCh	78, 60.172, 110.810
Yxy	54.0433, 0.3824, 0.4730
Android (android.graphics.Color)	4290562900 (0xFFBCCB54)
YUV	184.9490, -49.7679, 2.6757
Hunter-Lab	73.5142, -22.5533, 38.1396

Details

The Hex color **BCCB54** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6354CB**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F6FF8A**, and **84951C** is the 20% darker color. If you saturate the color by 10%, you get **B9CB40**, and if you desaturate by 10%, it is **BFCB68**.

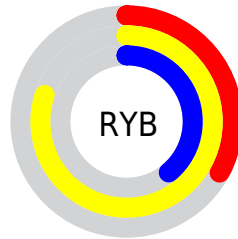
Distribution



Red (74%)

Green (80%)

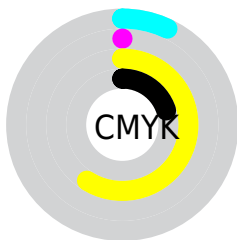
Blue (33%)



Red (33%)

Yellow (80%)

Blue (39%)

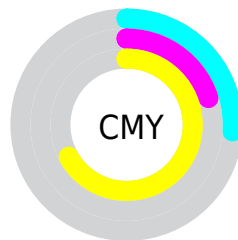


Cyan (7%)

Magenta (0%)

Yellow (59%)

Black (20%)



Cyan (26%)

Magenta (20%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCCB54 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 BCCB54 by changing the saturation by 10% instead.

 BCCB54

 BCCB54

FFFFFF

 A0B039

 F6FF8A

 84951C

 FFFFA5

 697B00

 FFFFC1

 4E6200

 FFFFDE

 354A00

 FFFFFB

 1A3400

 001F00

 000000

 BCCB54

 BCCB54

 B9CB40

 BFCB68

 B7CB2B

 C1CB7D

 B4CB17

 C4CB91

 B2CB03

 C6CBA5

 B1CB00

 C9CBBA

 CBCBCE

 CECBE2

 D0CBF6

 D3CBFF

Harmonies

Analogous

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



F1B950



BCCB54



79D779

Triad

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



BCCB54



00D9FF



FF94D6

Complementary

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



BCCB54



6354CB

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.



F6A4FF



BCCB54



00CDFF

Square

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



BCCB54



00DEE8



A9BAFF



FF949E

Rectangle

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



BCCB54



31DC9B



A9BAFF



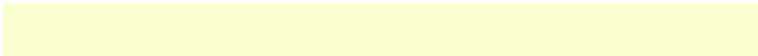
FF98E8

Sweetspot

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



BCCB54



F9FFD1



CB6254



7C8063



000000



808080

Same Dimension

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



BCCB54



E9FF4D



82CB54



65665C



91A600



212600

Inverse Universe

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



6354CB



634DFF



9D54CB



5D5C66



1500A6



050026

Previews

White Background



This preview shows how the Hex color BCCB54 looks on a white background.

Color Contrast Check

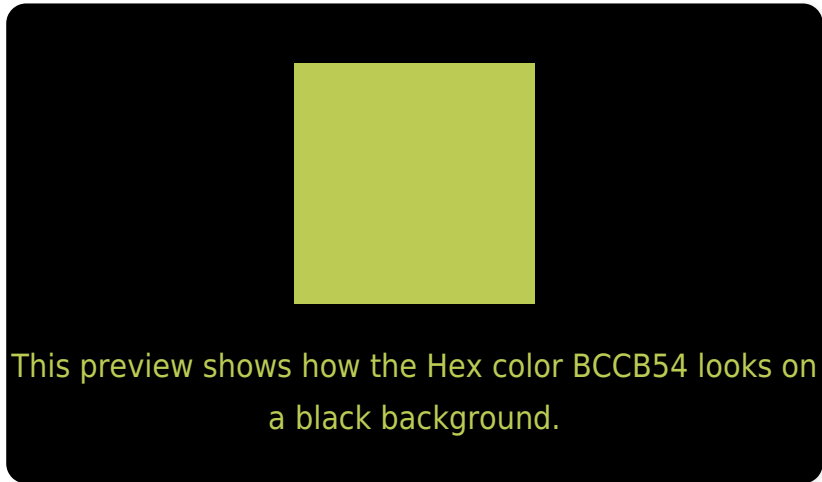
Large Text (above 18pt) WCAG AA × Fail

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 BCCB54 Background



This preview shows how black text looks on a background with the Hex color BCCB54.

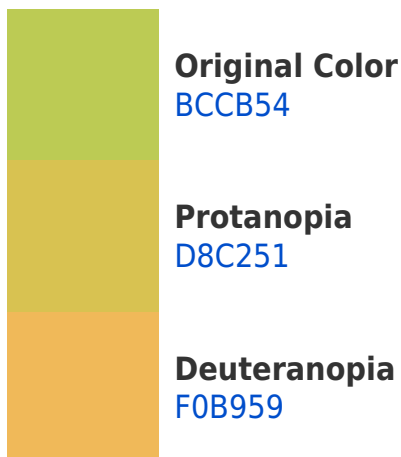



This preview shows how white text looks on a background with the Hex color BCCB54.

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](#).

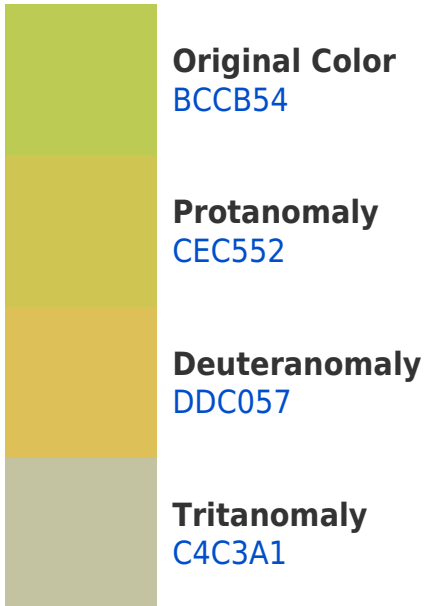
Dichromacy



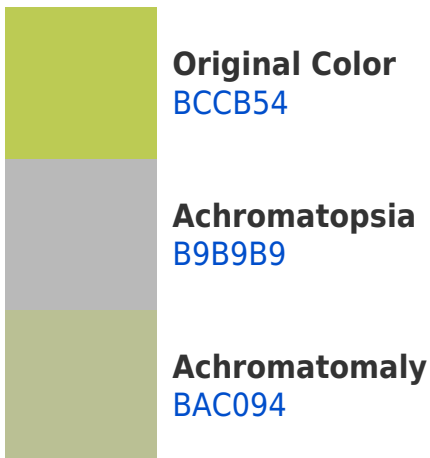


Tritanopia
C9BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCCB54 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 #BCCB54 looks like.

```
.text, #text, p{  
    color:#BCCB54  
}
```

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 #BCCB54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCCB54
}
```

Border

The CSS property to change the border of an element to Hex BCCB54 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
#BCCB54 }
```

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

```
.border{ border-color:#BCCB54 }
```

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

Here you see how a box with a 4 pixel #BCCB54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCCB54; -webkit-box-shadow:4px 4px  
4px 4px #BCCB54; box-shadow:4px 4px 4px  
4px #BCCB54 }
```

Background

The CSS property to change the background color of an element to Hex BCCB54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCCB54 }
```

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

```
.background{ background-color:#BCCB54 }
```

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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