

# Converting Colors

Hex(BBDD54)

Have a look what the booklet for  
Hex(BBDD54) contains.

<b>Hex(BBDD54)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BBDD54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBDD54
RGB	187, 221, 84
RGB Percent	73%, 87%, 33%
CMY	0.2667, 0.1333, 0.6706
CMYK	0.15, 0.00, 0.62, 0.13
HSL	75°, 67%, 60%
HSV	75°, 62%, 87%
XYZ	47.9502, 62.9178, 18.0046
YIQ	195.2160, 23.7130, -49.8150

# Conversions

## Conversions Part 2

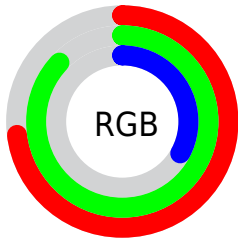
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 221, 118
Decimal	12311892
CIELab	83.40, -30.41, 61.60
CIELCh	83, 68.700, 116.273
Yxy	62.9178, 0.3721, 0.4882
Android (android.graphics.Color)	4290501972 (0xFFBBDD54)
YUV	195.2160, -54.8295, -7.2054
Hunter-Lab	79.3207, -30.9062, 42.0666

# Details

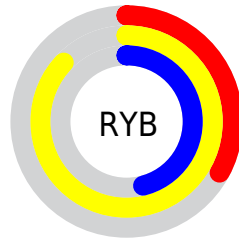
The Hex color **BBDD54** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7654DD**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F6FF8B**, and **83A617** is the 20% darker color. If you saturate the color by 10%, you get **B6DD3E**, and if you desaturate by 10%, it is **C0DD6A**.

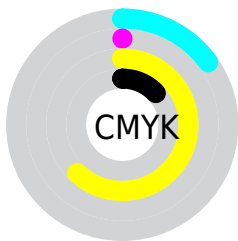
# Distribution



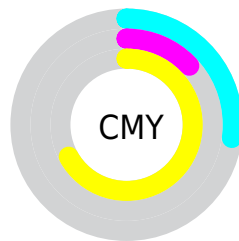
- Red (73%)
- Green (87%)
- Blue (33%)



- Red (33%)
- Yellow (87%)
- Blue (46%)



- Cyan (15%)
- Magenta (0%)
- Yellow (62%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBDD54 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 BBDD54 by changing the saturation by 10% instead.



 BBDD54

 BBDD54

FFFFFF

 9FC138

 F6FF8B

 83A617

 FFFFA7

 678B00

 FFFFC3

 4C7200

 FFFFEO

 315900

FFFFFFD

 134100

 002B00

 001400

 000000

■ BBDD54

■ BBDD54

■ B6DD3E

■ C0DD6A

■ B0DD28

■ C6DD80

■ ABDD12

■ CBDD96

■ A6DD00

■ D1DDAC

■ D6DDC3

■ DCDDD9

■ E1DDEF

■ E7DDFF

■ ECDDFF

# Harmonies

## Analogous

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



FACA47



BBDD54



66E985

# Triad

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



BBDD54



00E8FF



FF96DB

# Complementary

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



BBDD54



7654DD

# 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.



FFA7FF



BBDD54



00D9FF

# Square

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



BBDD54



00EFFF



C5C2FF



FF9B9A

# Rectangle

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



BBDD54



00EEAF



C5C2FF



FF9AF0



# Sweetspot

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



BBDD54



F3FFCF



DD7454



788062



000000



808080



# Same Dimension

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



BBDD54



D0FF42



79DD54



6B6E63



82AD00



232E00



# Inverse Universe

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



7654DD



7142FF



B854DD



65636E



2B00AD



0B002E



# Previews

## White Background



This preview shows how the Hex color BBDD54 looks on a white background.

## Color Contrast Check

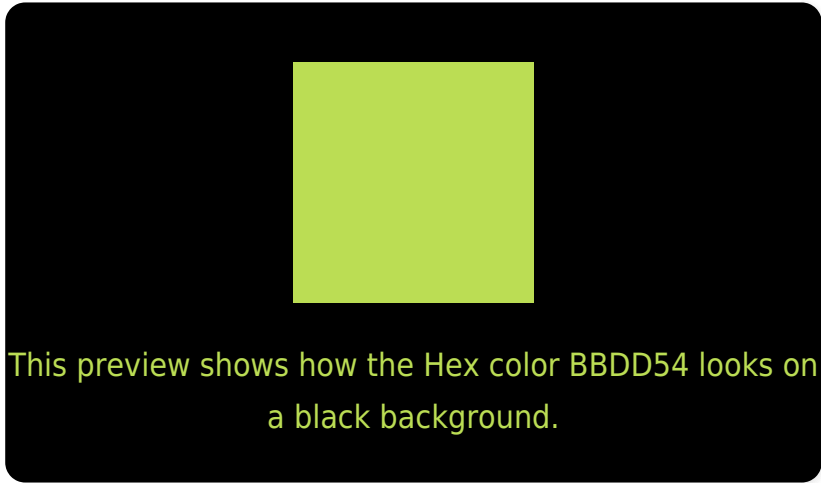
Large Text (above 18pt) WCAG AA × Fail

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 BBDD54 Background



This preview shows how black text looks on a background with the Hex color BBDD54.

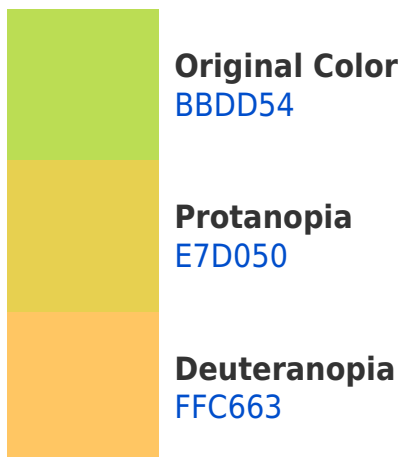


This preview shows how white text looks on a background with the Hex color BBDD54.

# Color Blindness Simulation

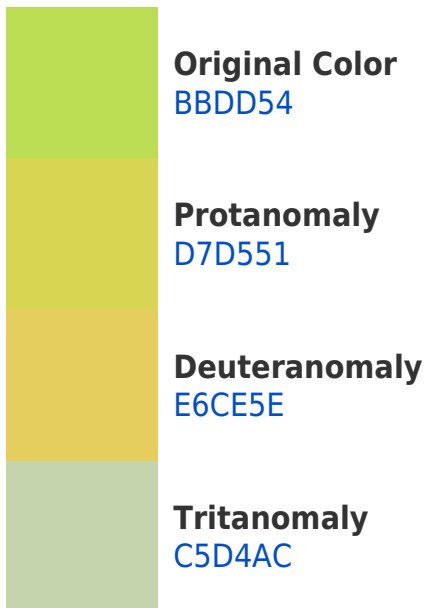
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

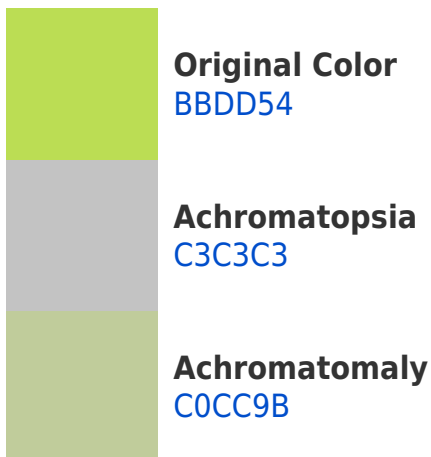




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBDD54 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 #BBDD54 looks like.

```
.text, #text, p{  
    color:#BBDD54  
}
```

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 #BBDD54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBDD54
}
```

## Border

The CSS property to change the border of an element to Hex BBDD54 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
#BBDD54 }
```

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

```
.border{ border-color:#BBDD54 }
```

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

Here you see how a box with a 4 pixel #BBDD54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBDD54; -webkit-box-shadow:4px 4px  
4px 4px #BBDD54; box-shadow:4px 4px 4px  
4px #BBDD54 }
```

# Background

The CSS property to change the background color of an element to Hex BBDD54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBDD54 }
```

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

```
.background{ background-color:#BBDD54 }
```

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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