

# Converting Colors

Hex(3BBD58)

Have a look what the booklet for  
Hex(3BBD58) contains.

|  |    |
|--|----|
| <b>Hex(3BBD58)</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(3BBD58)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3BBD58                       |
| RGB         | 59, 189, 88                  |
| RGB Percent | 23%, 74%, 35%                |
| CMY         | 0.7686, 0.2588, 0.6549       |
| CMYK        | 0.69, 0.00, 0.53, 0.26       |
| HSL         | 133°, 52%, 49%               |
| HSV         | 133°, 69%, 74%               |
| XYZ         | 21.7627, 38.0296, 15.4260    |
| YIQ         | 138.6160, -45.0590, -58.9710 |

# Conversions

## Conversions Part 2

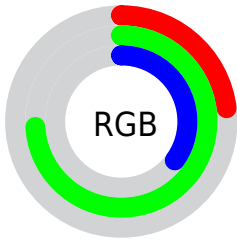
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">59, 165, 189</a>                     |
| Decimal                             | <a href="#">3915096</a>                          |
| CIELab                              | <a href="#">68.04, -56.36, 40.64</a>             |
| CIELCh                              | <a href="#">68, 69.487, 144.209</a>              |
| Yxy                                 | <a href="#">38.0296, 0.2893,<br/>0.5056</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4282105176<br/>(0xFF3BBD58)</a>      |
| YUV                                 | <a href="#">138.6160, -24.9537,<br/>-69.8232</a> |
| Hunter-Lab                          | <a href="#">61.6681, -44.9266,<br/>28.3366</a>   |

# Details

The Hex color **3BBD58** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BD3BA0**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7AF68C**, and **008626** is the 20% darker color. If you saturate the color by 10%, you get **28BD49**, and if you desaturate by 10%, it is **4EBD67**.

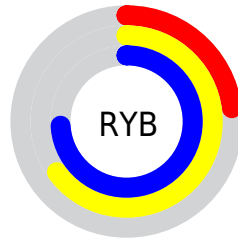
# Distribution



Red (23%)

Green (74%)

Blue (35%)



Red (23%)

Yellow (65%)

Blue (74%)

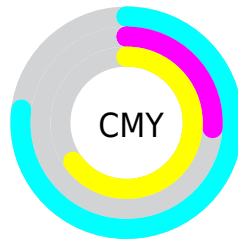


Cyan (69%)

Magenta (0%)

Yellow (53%)

Black (26%)



Cyan (77%)

Magenta (26%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BBD58 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 3BBD58 by changing the saturation by 10% instead.



 3BBD58

 3BBD58

FFFFFF

 09A13F

 7AF68C

 008626

 98FFA7

 006C08

 B5FFC3

 005200

 D3FFDF

 003A00

 F1FFFC

 002300

 000000

 3BBD58

 3BBD58

 28BD49

 4EBD67

 15BD3B

 61BD75

 02BD2C

 74BD84

 00BD2A

 87BD93

 9ABDA1

 ACBDB0

 BFBDBF

 D2BD CD

 E5BD DC

# Harmonies

## Analogous

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



94B222



3BBD58



00C397

# Triad

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



3BBD58



00B1FF



FF6D76

# Complementary

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



3BBD58



BD3BA0

# 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.



FF69B5



3BBD58



8E9AFF

# Square

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



3BBD58



00BEFF



E67EF0



FD853F

# Rectangle

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



3BBD58



00C3C3



E67EF0



FF698B

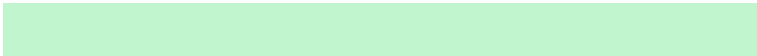


# Sweetspot

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



3BBD58



C1F5CD



A1BD3B



5C7A63



FAFAFA



7A7A7A



# Same Dimension

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



3BBD58



2AF557



3BBD98



555E57



009E23



001F07



# Inverse Universe

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



BD3BA0



F52AC7



BD3B60



5E555C



9E007B



1F0018



# Previews

## White Background



This preview shows how the Hex color 3BBD58 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 3BBD58 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

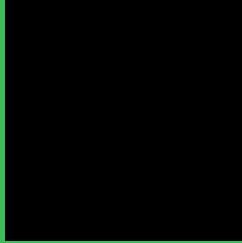
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BBD58 Background



This preview shows how black text looks on a background with the Hex color 3BBD58.

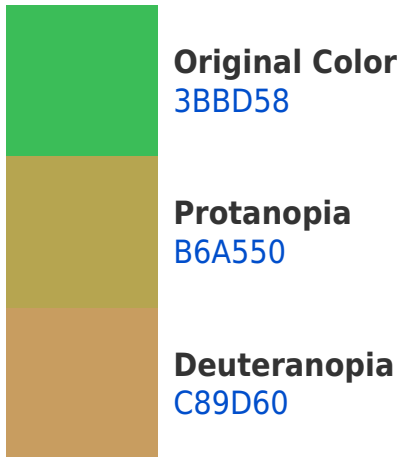


This preview shows how white text looks on a background with the Hex color 3BBD58.

# 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**  
5BB2C0

# Trichromacy



**Original Color**  
3BBD58



**Protanomaly**  
89AE53



**Deuteranomaly**  
95A95D



**Tritanomaly**  
4FB69A

# Monochromacy



**Original Color**  
3BBD58



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
6E9D78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BBD58 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 #3BBD58 looks like.

```
.text, #text, p{  
    color:#3BBD58  
}
```

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 #3BBD58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BBD58
}
```

## Border

The CSS property to change the border of an element to Hex 3BBD58 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
#3BBD58 }
```

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

```
.border{ border-color:#3BBD58 }
```

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

Here you see how a box with a 4 pixel #3BBD58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BBD58; -webkit-box-shadow:4px 4px  
4px 4px #3BBD58; box-shadow:4px 4px 4px  
4px #3BBD58 }
```

# Background

The CSS property to change the background color of an element to Hex 3BBD58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BBD58 }
```

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

```
.background{ background-color:#3BBD58 }
```

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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