

# Converting Colors

Hex(53B368)

Have a look what the booklet for  
Hex(53B368) contains.

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**Color**

**Hex(53B368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53B368
RGB	83, 179, 104
RGB Percent	33%, 70%, 41%
CMY	0.6745, 0.2980, 0.5922
CMYK	0.54, 0.00, 0.42, 0.30
HSL	133°, 39%, 51%
HSV	133°, 54%, 70%
XYZ	22.1861, 35.0787, 18.6982
YIQ	141.7460, -33.1410, -43.6770

# Conversions

## Conversions Part 2

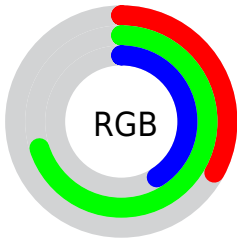
Format	Color
<a href="#">RYB</a>	<a href="#">83, 162, 179</a>
Decimal	<a href="#">5485416</a>
CIELab	<a href="#">65.81, -44.77, 29.88</a>
CIELCh	<a href="#">66, 53.828, 146.277</a>
Yxy	<a href="#">35.0787, 0.2921, 0.4618</a>
Android (android.graphics.Color)	<a href="#">4283675496</a> ( <a href="#">0xFF53B368</a> )
YUV	<a href="#">141.7460, -18.6088, -51.5202</a>
Hunter-Lab	<a href="#">59.2273, -36.7830, 22.7410</a>

# Details

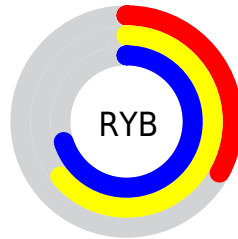
The Hex color **53B368** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B3539E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8BEC9C**, and **107D37** is the 20% darker color. If you saturate the color by 10%, you get **41B35A**, and if you desaturate by 10%, it is **65B376**.

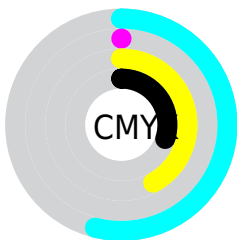
# Distribution



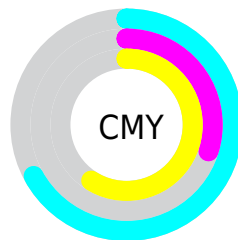
- Red (33%)
- Green (70%)
- Blue (41%)



- Red (33%)
- Yellow (64%)
- Blue (70%)



- Cyan (54%)
- Magenta (0%)
- Yellow (42%)
- Black (30%)



- Cyan (67%)
- Magenta (30%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53B368 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 53B368 by changing the saturation by 10% instead.





53B368



53B368

FFFFFF



36984F



8BEC9C



107D37



A7FFB7



006420



C4FFD3



004B08



E1FFF0



003300



001D00



000000



53B368



53B368



41B35A



65B376

 2FB34C

 77B384

 1DB33E

 89B392

 0BB330

 9BB3A0

 00B327

 ACB3AE

 BEB3BC

 D0B3CA

 E2B3D8

 F4B3E6

# Harmonies

## Analogous

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



91AA44



53B368



00B798

# Triad

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



53B368



16A7FF



F87978

# Complementary

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



53B368



B3539E

# 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.



F576A8



53B368



9896F7

# Square

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



53B368



00B2EF



D582D6



E48950

# Rectangle

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



53B368



00B8B9



D582D6



FA7687



# Sweetspot

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



53B368



C3E8CB



9EB353



5F7564



F5F5F5



757575



# Same Dimension

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



53B368



54E874



53B398



505952



009921



001A06



# Inverse Universe

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



B3539E



E854C8



B3536E



595057



990078



1A0014



# Previews

## White Background



This preview shows how the Hex color 53B368 looks on a white background.

## Color Contrast Check

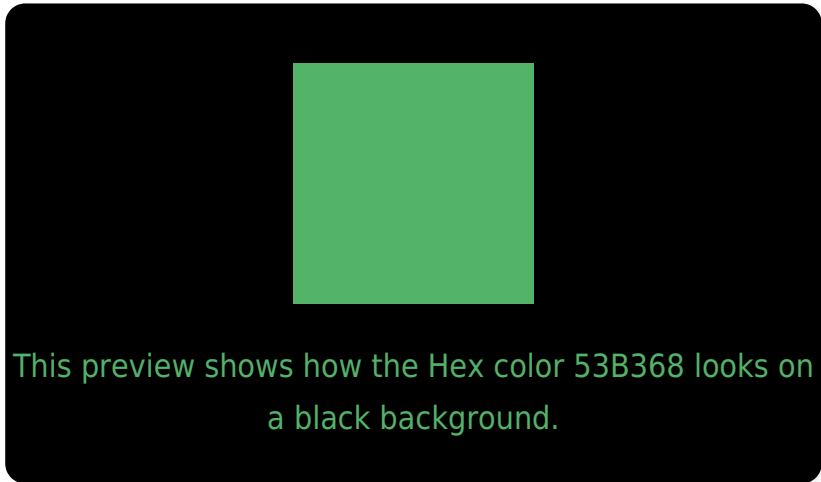
Large Text (above 18pt) WCAG AA × Fail

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

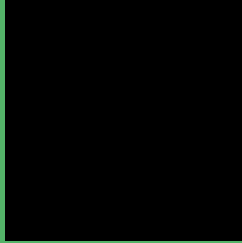
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 53B368 Background



This preview shows how black text looks on a background with the Hex color 53B368.

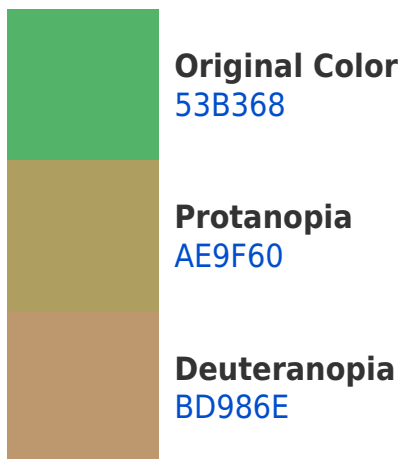


This preview shows how white text looks on a background with the Hex color 53B368.

# 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](#).

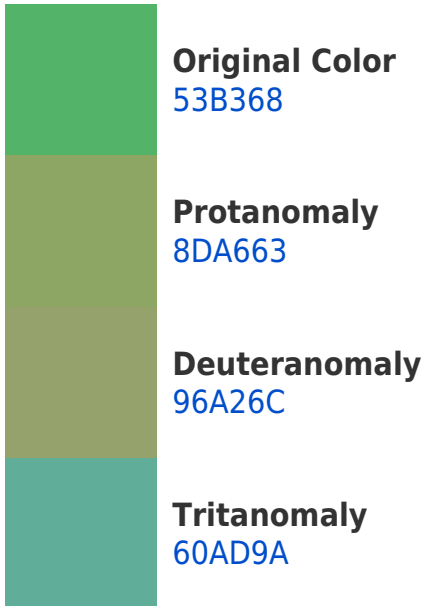
## Dichromacy





**Tritanopia**  
67AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53B368 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 #53B368 looks like.

```
.text, #text, p{  
    color:#53B368  
}
```

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 #53B368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B368
}
```

## Border

The CSS property to change the border of an element to Hex 53B368 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
#53B368 }
```

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

```
.border{ border-color:#53B368 }
```

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

Here you see how a box with a 4 pixel #53B368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B368; -webkit-box-shadow:4px 4px  
4px 4px #53B368; box-shadow:4px 4px 4px  
4px #53B368 }
```

# Background

The CSS property to change the background color of an element to Hex 53B368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B368 }
```

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

```
.background{ background-color:#53B368 }
```

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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