

Converting Colors

Hex(53B668)

Have a look what the booklet for
Hex(53B668) contains.

Hex(53B668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(53B668)

Conversions

Conversions Part 1

Format	Color
Hex	53B668
RGB	83, 182, 104
RGB Percent	33%, 71%, 41%
CMY	0.6745, 0.2863, 0.5922
CMYK	0.54, 0.00, 0.43, 0.29
HSL	133°, 40%, 52%
HSV	133°, 54%, 71%
XYZ	22.7939, 36.2944, 18.9009
YIQ	143.5070, -33.9660, -45.2460

Conversions

Conversions Part 2

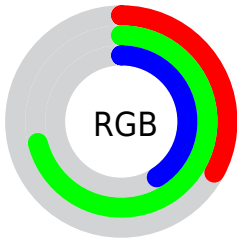
Format	Color
RYB	83, 165, 182
Decimal	5486184
CIELab	66.74, -46.01, 31.10
CIELCh	67, 55.534, 145.949
Yxy	36.2944, 0.2923, 0.4654
Android (android.graphics.Color)	4283676264 (0xFF53B668)
YUV	143.5070, -19.4770, -53.0646
Hunter-Lab	60.2448, -37.8921, 23.5701

Details

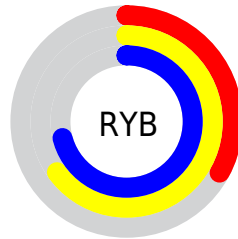
The Hex color **53B668** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B653A1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8CEF9C**, and **0E8037** is the 20% darker color. If you saturate the color by 10%, you get **41B65A**, and if you desaturate by 10%, it is **65B676**.

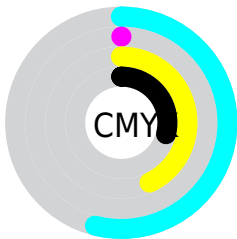
Distribution



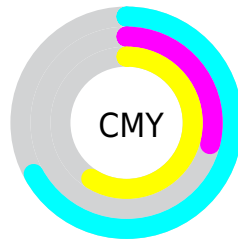
- Red (33%)
- Green (71%)
- Blue (41%)



- Red (33%)
- Yellow (65%)
- Blue (71%)



- Cyan (54%)
- Magenta (0%)
- Yellow (43%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B668 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 53B668 by changing the saturation by 10% instead.

 53B668

 53B668

FFFFFF

 359B4F

 8CEF9C

 0E8037

 A8FFB7

 006620

 C5FFD3

 004D07

 E2FFF0

 003500

 001F00

 000000

 53B668

 53B668

 41B65A

 65B676

 2FB64B

 77B685

 1CB63D

 8AB693

 0AB62F

 9CB6A1

 00B627

 AEB6B0

 C0B6BE

 D2B6CC

 E5B6DB

 F7B6E9

Harmonies

Analogous

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



93AC43



53B668



00BB9A

Triad

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



53B668



00A AFF



FD7A7A

Complementary

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



53B668



B653A1

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.



FA77AB



53B668



9998FC

Square

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



53B668



00B5F4



D984DB



E98B50

Rectangle

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



53B668



00BBBC



D984DB



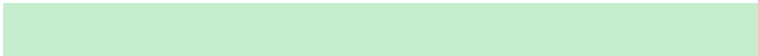
FF778A

Sweetspot

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



53B668



C7EDCF



A2B653



617866



F7F7F7



787878

Same Dimension

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



53B668



53ED74



53B698



535C55



009C21



001C06

Inverse Universe

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



B653A1



ED53CC



B65371



5C535A



9C007B



1C0016

Previews

White Background



This preview shows how the Hex color 53B668 looks on a white background.

Color Contrast Check

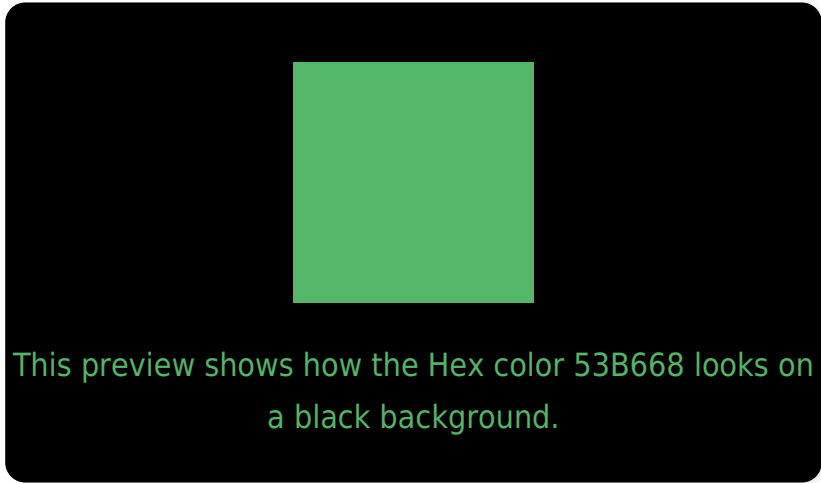
Large Text (above 18pt) WCAG AA × Fail

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

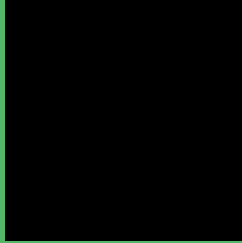
Any Text WCAG AA ✓ Pass

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 53B668 Background



This preview shows how black text looks on a background with the Hex color 53B668.

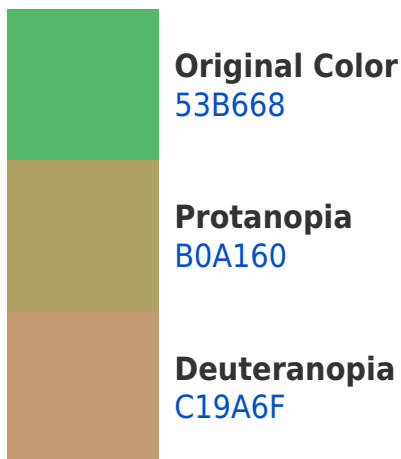


This preview shows how white text looks on a background with the Hex color 53B668.

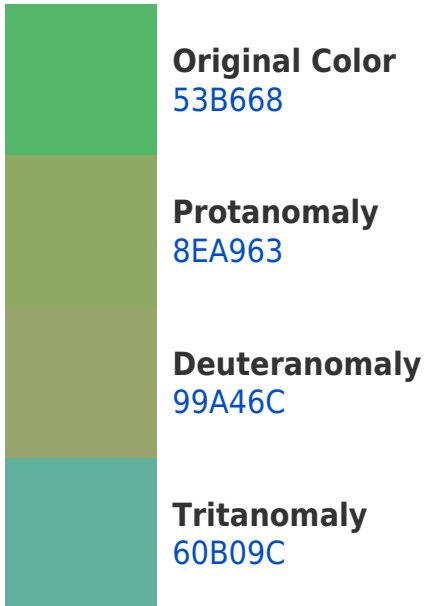
Color Blindness Simulation

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](#).

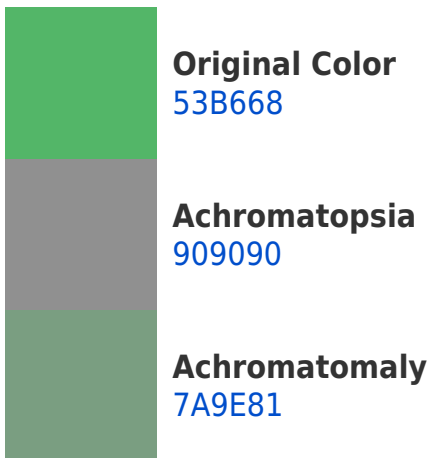
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53B668 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 #53B668 looks like.

```
.text, #text, p{  
    color:#53B668  
}
```

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 #53B668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B668
}
```

Border

The CSS property to change the border of an element to Hex 53B668 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
#53B668 }
```

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

```
.border{ border-color:#53B668 }
```

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

Here you see how a box with a 4 pixel #53B668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B668; -webkit-box-shadow:4px 4px  
4px 4px #53B668; box-shadow:4px 4px 4px  
4px #53B668 }
```

Background

The CSS property to change the background color of an element to Hex 53B668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B668 }
```

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

```
.background{ background-color:#53B668 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor