

Converting Colors

Hex(53BD69)

Have a look what the booklet for
Hex(53BD69) contains.

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Color

Hex(53BD69)

Conversions

Conversions Part 1

Format	Color
Hex	53BD69
RGB	83, 189, 105
RGB Percent	33%, 74%, 41%
CMY	0.6745, 0.2588, 0.5882
CMYK	0.56, 0.00, 0.44, 0.26
HSL	132°, 45%, 53%
HSV	132°, 56%, 74%
XYZ	24.3147, 39.2541, 19.6599
YIQ	147.7300, -36.2120, -48.5960

Conversions

Conversions Part 2

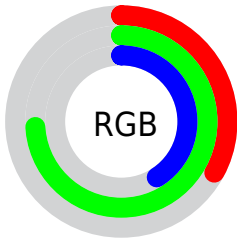
Format	Color
RYB	83, 171, 189
Decimal	5487977
CIELab	68.93, -48.69, 33.40
CIELCh	69, 59.047, 145.555
Yxy	39.2541, 0.2921, 0.4716
Android (android.graphics.Color)	4283678057 (0xFF53BD69)
YUV	147.7300, -21.0659, -56.7682
Hunter-Lab	62.6531, -40.3699, 25.2526

Details

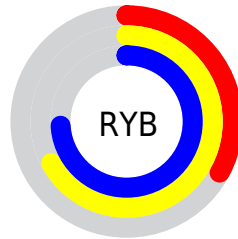
The Hex color **53BD69** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BD53A7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8DF69D**, and **068738** is the 20% darker color. If you saturate the color by 10%, you get **40BD5A**, and if you desaturate by 10%, it is **66BD78**.

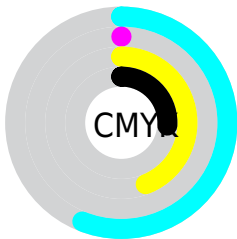
Distribution



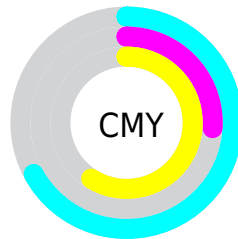
- Red (33%)
- Green (74%)
- Blue (41%)



- Red (33%)
- Yellow (67%)
- Blue (74%)



- Cyan (56%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)



- Cyan (67%)
- Magenta (26%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BD69 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 53BD69 by changing the saturation by 10% instead.

 53BD69

 53BD69

FFFFFF

 34A150

 8DF69D

 068738

 A9FFB9

 006D20

 C6FFD5

 005306

 E4FFF1

 003B00

 002500

 000000

 53BD69

 53BD69

 40BD5A

 66BD78

 2DBD4B

 79BD87

 1ABD3C

 8CBD96

 07BD2D

 9FBDA5

 00BD27

 B2BDB4

 C4BDC3

 D7BDD2

 EABDE1

 FDBDF0

Harmonies

Analogous

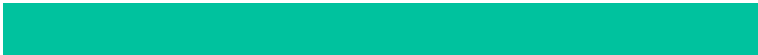
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98B341



53BD69



00C29E

Triad

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



53BD69



00B1FF



FF7C7D

Complementary

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



53BD69



BD53A7

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.



FF79B2



53BD69



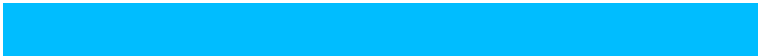
9D9DFF

Square

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



53BD69



00BDFE



E287E5



F48E51

Rectangle

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



53BD69



00C3C3



E287E5



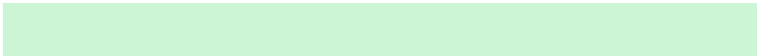
FF798E

Sweetspot

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



53BD69



CBF5D4



A8BD53



627A67



FAFAFA



7A7A7A

Same Dimension

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



53BD69



51F573



53BD9D



555E57



009E21



001F06

Inverse Universe

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



BD53A7



F551D3



BD5373



5E555C



9E007D



1F0018

Previews

White Background



This preview shows how the Hex color 53BD69 looks on a white background.

Color Contrast Check

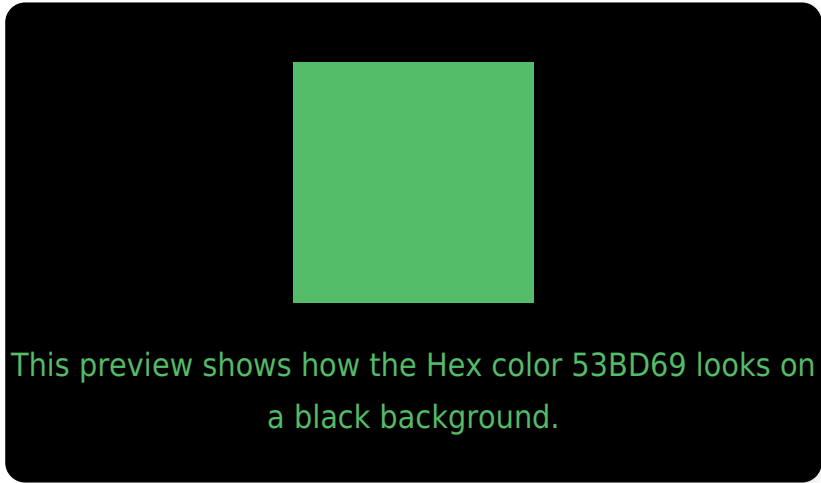
Large Text (above 18pt) WCAG AA × Fail

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 53BD69 Background



This preview shows how black text looks on a background with the Hex color 53BD69.

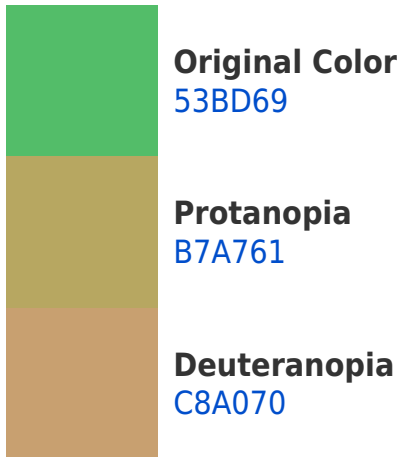


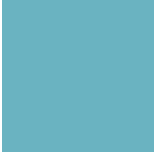
This preview shows how white text looks on a background with the Hex color 53BD69.

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](#).

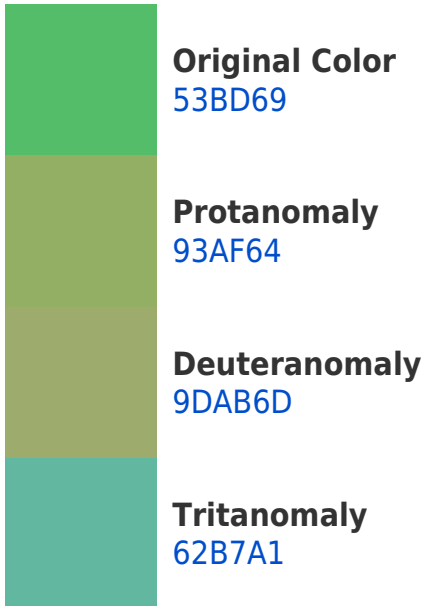
Dichromacy



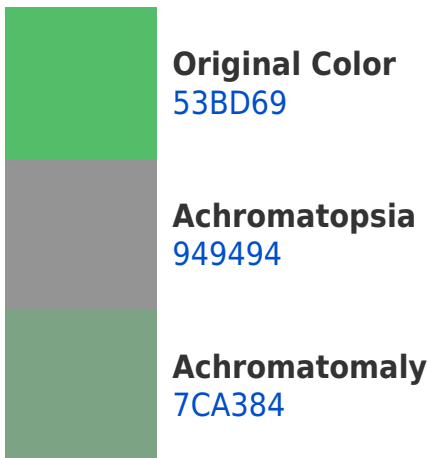


Tritanopia
6AB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53BD69 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 #53BD69 looks like.

```
.text, #text, p{  
    color:#53BD69  
}
```

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 #53BD69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BD69
}
```

Border

The CSS property to change the border of an element to Hex 53BD69 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
#53BD69 }
```

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

```
.border{ border-color:#53BD69 }
```

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

Here you see how a box with a 4 pixel #53BD69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BD69; -webkit-box-shadow:4px 4px  
4px 4px #53BD69; box-shadow:4px 4px 4px  
4px #53BD69 }
```

Background

The CSS property to change the background color of an element to Hex 53BD69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BD69 }
```

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

```
.background{ background-color:#53BD69 }
```

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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