

# Converting Colors

Hex(54B83A)

Have a look what the booklet for  
Hex(54B83A) contains.

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**Color**

**Hex(54B83A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54B83A
RGB	84, 184, 58
RGB Percent	33%, 72%, 23%
CMY	0.6706, 0.2784, 0.7725
CMYK	0.54, 0.00, 0.68, 0.28
HSL	108°, 52%, 47%
HSV	108°, 68%, 72%
XYZ	21.5604, 36.4713, 9.9063
YIQ	139.7360, -19.1540, -60.3860

# Conversions

## Conversions Part 2

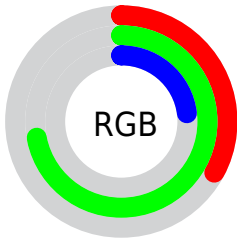
Format	Color
<b>RYB</b>	58, 184, 158
Decimal	5552186
CIELab	66.88, -52.30, 52.94
CIELCh	67, 74.417, 134.650
Yxy	36.4713, 0.3174, 0.5368
Android (android.graphics.Color)	4283742266 (0xFF54B83A)
YUV	139.7360, -40.2958, -48.8805
Hunter-Lab	60.3915, -41.9587, 32.5484

# Details

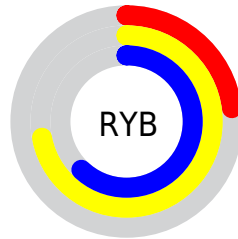
The Hex color **54B83A** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9E3AB8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8EF16F**, and **058200** is the 20% darker color. If you saturate the color by 10%, you get **45B828**, and if you desaturate by 10%, it is **63B84C**.

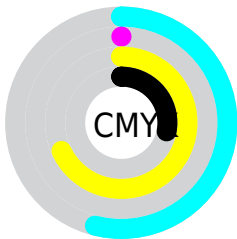
# Distribution



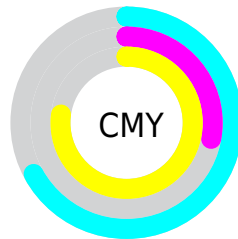
- Red (33%)
- Green (72%)
- Blue (23%)



- Red (23%)
- Yellow (72%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (68%)
- Black (28%)



- Cyan (67%)
- Magenta (28%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54B83A 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 54B83A by changing the saturation by 10% instead.



 54B83A

 54B83A

FFFFFF

 359D1D

 8EF16F

 058200

 ABFF8A

 006800

 C8FFA6

 004F00

 E6FFC2

 003700

 FFFFDF

 002000

 FFFFFC

 000000

 54B83A

 54B83A

 45B828

 63B84C

 37B815

 71B85F

 28B803

 80B871

 26B800

 8EB884

 9DB896

 ACB8A8

 BAB8BB

 C9B8CD

 D7B8E0

# Harmonies

## Analogous

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



A4AA00



54B83A



00BF7D

# Triad

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



54B83A



00B4FF



FF5E85

# Complementary

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



54B83A



9E3AB8

# 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.



FF64C8



54B83A



4E9FFF

# Square

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



54B83A



00BFFF



CF81FF



FF7646

# Rectangle

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



54B83A



00C1AC



CF81FF



FF5C9B

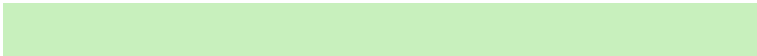


# Sweetspot

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



54B83A



C8F0BD



B89D3A



60785A



F7F7F7



787878



# Same Dimension

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



54B83A



54F02B



3AB85E



555C53



209C00



061C00



# Inverse Universe

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



9E3AB8



C72BF0



B83A94



5A535C



7B009C



16001C



# Previews

## White Background



This preview shows how the Hex color 54B83A looks on a white background.

## Color Contrast Check

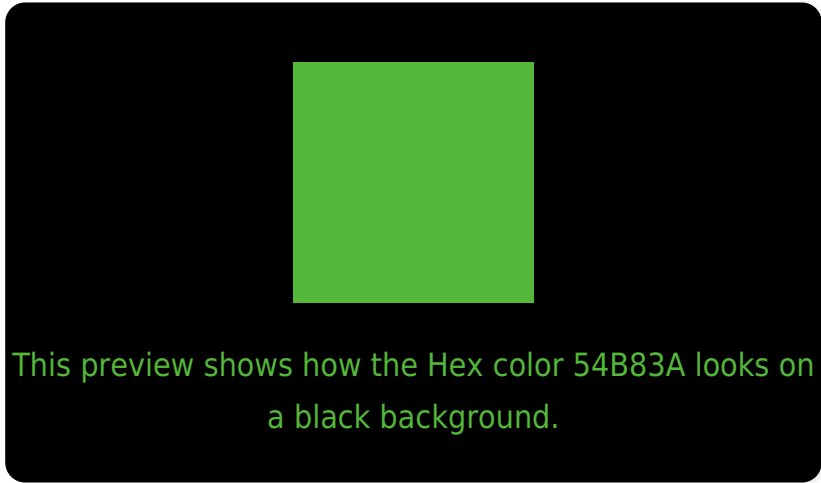
Large Text (above 18pt) WCAG AA × Fail

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

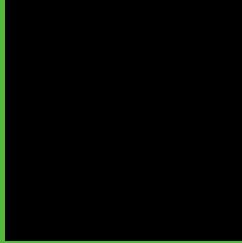
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54B83A Background



This preview shows how black text looks on a background with the Hex color 54B83A.

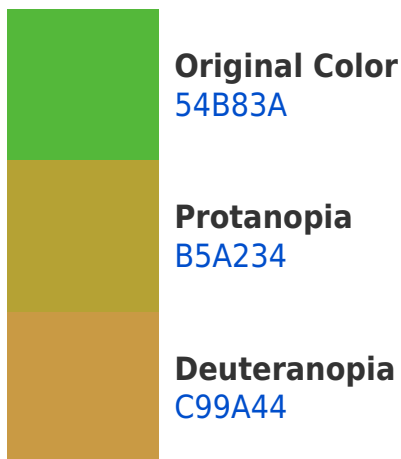


This preview shows how white text looks on a background with the Hex color 54B83A.

# Color Blindness Simulation

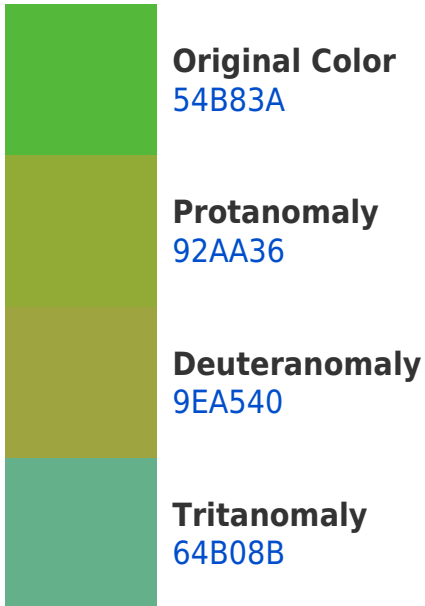
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54B83A 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 #54B83A looks like.

```
.text, #text, p{  
    color:#54B83A  
}
```

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 #54B83A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54B83A
}
```

## Border

The CSS property to change the border of an element to Hex 54B83A 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
#54B83A }
```

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

```
.border{ border-color:#54B83A }
```

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

Here you see how a box with a 4 pixel #54B83A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54B83A; -webkit-box-shadow:4px 4px  
4px 4px #54B83A; box-shadow:4px 4px 4px  
4px #54B83A }
```

# Background

The CSS property to change the background color of an element to Hex 54B83A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54B83A }
```

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

```
.background{ background-color:#54B83A }
```

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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