

# Converting Colors

Hex(52BA6A)

Have a look what the booklet for  
Hex(52BA6A) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(52BA6A)</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(52BA6A)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 52BA6A                       |
| RGB         | 82, 186, 106                 |
| RGB Percent | 32%, 73%, 42%                |
| CMY         | 0.6784, 0.2706, 0.5843       |
| CMYK        | 0.56, 0.00, 0.43, 0.27       |
| HSL         | 134°, 43%, 53%               |
| HSV         | 134°, 56%, 73%               |
| XYZ         | 23.6401, 37.9523, 19.7152    |
| YIQ         | 145.7840, -36.3040, -46.9280 |

# Conversions

## Conversions Part 2

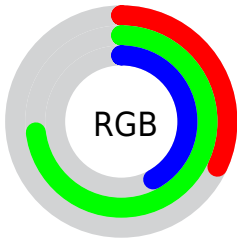
| Format                              | Color                                                        |
|-------------------------------------|--------------------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">82, 167, 186</a>                                 |
| Decimal                             | <a href="#">5421674</a>                                      |
| CIELab                              | <a href="#">67.99, -47.56, 31.66</a>                         |
| CIELCh                              | <a href="#">68, 57.135, 146.355</a>                          |
| Yxy                                 | <a href="#">37.9523, 0.2907, 0.4668</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4283611754</a><br>( <a href="#">0xFF52BA6A</a> ) |
| YUV                                 | <a href="#">145.7840, -19.6135, -55.9386</a>                 |
| Hunter-Lab                          | <a href="#">61.6054, -39.3129, 24.1495</a>                   |

# Details

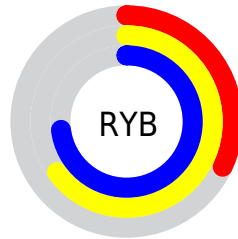
The Hex color **52BA6A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA52A2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8BF39E**, and **068439** is the 20% darker color. If you saturate the color by 10%, you get **3FBA5C**, and if you desaturate by 10%, it is **65BA78**.

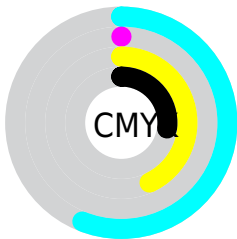
# Distribution



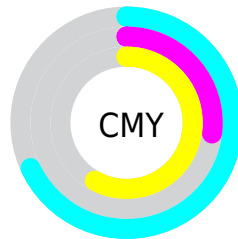
- Red (32%)
- Green (73%)
- Blue (42%)



- Red (32%)
- Yellow (65%)
- Blue (73%)



- Cyan (56%)
- Magenta (0%)
- Yellow (43%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52BA6A 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 52BA6A by changing the saturation by 10% instead.



 52BA6A

 52BA6A

FFFFFF

 339F51

 8BF39E

 068439

 A8FFBA

 006A21

 C5FFD5

 005108

 E2FFF2

 003800

 002300

 000000

 52BA6A

 52BA6A

 3FBA5C

 65BA78

 2DBA4D

 77BA87

 1ABA3F

 8ABA95

 08BA31

 9CBAA3

 00BA2B

 AFBAB2

 C2BAC0

 D4BACE

 E7BADC

 F9BAEB

# Harmonies

## Analogous

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



95B043



52BA6A



00BF9D

# Triad

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



52BA6A



00ADFF



FF7C7B

# Complementary

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



52BA6A



BA52A2

# 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.



FF78AE



52BA6A



9D9BFF

# Square

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



52BA6A



00B9FB



DF86E0



EE8D50

# Rectangle

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



52BA6A



00BFC1



DF86E0



FF798B

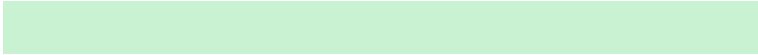


# Sweetspot

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



52BA6A



C9F2D3



A3BA52



627A68



FAFAFA



7A7A7A



# Same Dimension

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



52BA6A



50F275



52BA9D



535C55



009C24



001C06



# Inverse Universe

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



BA52A2



F250CD



BA526F



5C535A



9C0078



1C0016



# Previews

## White Background



This preview shows how the Hex color 52BA6A looks on a white background.

## Color Contrast Check

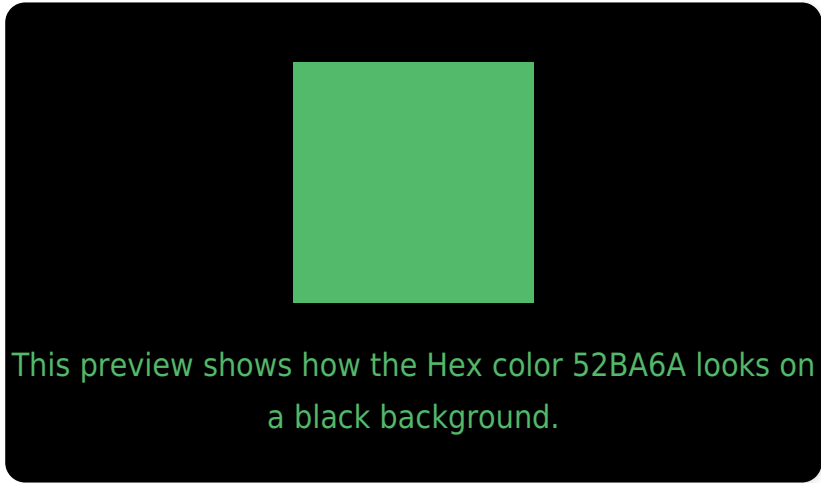
Large Text (above 18pt) WCAG AA × Fail

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

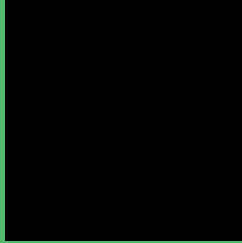
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52BA6A Background



This preview shows how black text looks on a background with the Hex color 52BA6A.

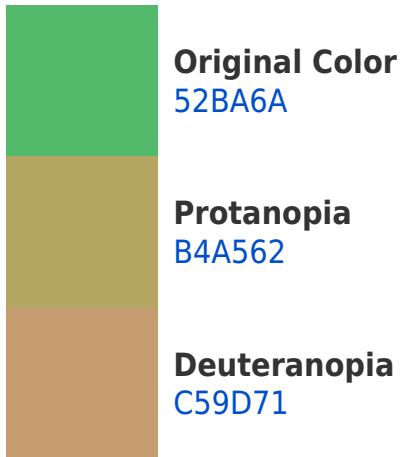


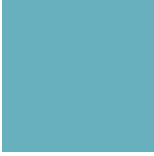
This preview shows how white text looks on a background with the Hex color 52BA6A.

# 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](#).

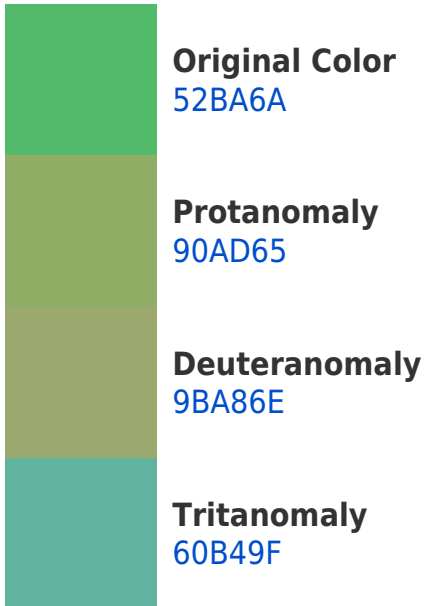
## Dichromacy



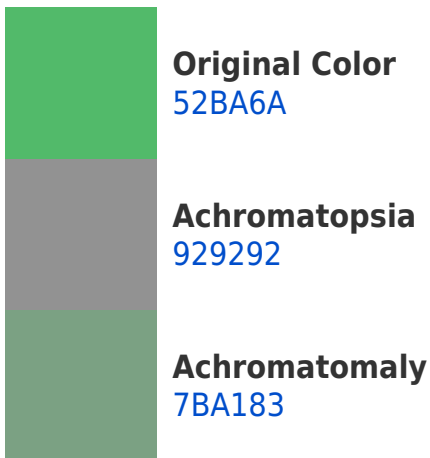


**Tritanopia**  
68B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52BA6A 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 #52BA6A looks like.

```
.text, #text, p{  
    color:#52BA6A  
}
```

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 #52BA6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52BA6A
}
```

## Border

The CSS property to change the border of an element to Hex 52BA6A 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
#52BA6A }
```

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

```
.border{ border-color:#52BA6A }
```

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

Here you see how a box with a 4 pixel #52BA6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52BA6A; -webkit-box-shadow:4px 4px  
4px 4px #52BA6A; box-shadow:4px 4px 4px  
4px #52BA6A }
```

# Background

The CSS property to change the background color of an element to Hex 52BA6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52BA6A }
```

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

```
.background{ background-color:#52BA6A }
```

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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