

Converting Colors

Hex(52AA69)

Have a look what the booklet for
Hex(52AA69) contains.

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Color

Hex(52AA69)

Conversions

Conversions Part 1

Format	Color
Hex	52AA69
RGB	82, 170, 105
RGB Percent	32%, 67%, 41%
CMY	0.6784, 0.3333, 0.5882
CMYK	0.52, 0.00, 0.38, 0.33
HSL	136°, 35%, 49%
HSV	136°, 52%, 67%
XYZ	20.4042, 31.5632, 18.3815
YIQ	136.2780, -31.5830, -38.8710

Conversions

Conversions Part 2

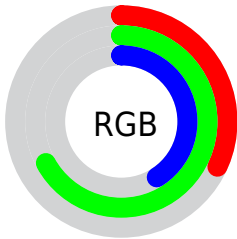
Format	Color
RYB	82, 152, 170
Decimal	5417577
CIELab	62.98, -41.05, 25.64
CIELCh	63, 48.395, 148.012
Yxy	31.5632, 0.2900, 0.4487
Android (android.graphics.Color)	4283607657 (0xFF52AA69)
YUV	136.2780, -15.4201, -47.6018
Hunter-Lab	56.1811, -33.4883, 19.9281

Details

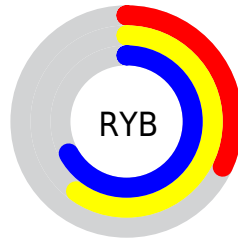
The Hex color **52AA69** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA5293**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **89E29D**, and **147539** is the 20% darker color. If you saturate the color by 10%, you get **41AA5C**, and if you desaturate by 10%, it is **63AA76**.

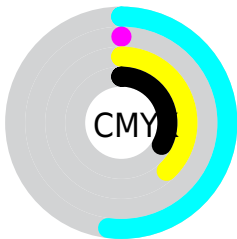
Distribution



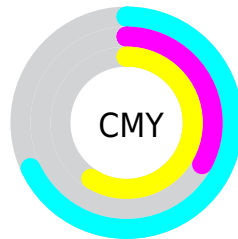
- Red (32%)
- Green (67%)
- Blue (41%)



- Red (32%)
- Yellow (60%)
- Blue (67%)



- Cyan (52%)
- Magenta (0%)
- Yellow (38%)
- Black (33%)



- Cyan (68%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52AA69 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 52AA69 by changing the saturation by 10% instead.

 52AA69

 52AA69

FFFFFF

 368F50

 89E29D

 147539

 A5FFB8

 005C22

 C2FFD4

 00430B

 DEFFF0

 002D00

 FCFFFF

 001200

 000000

 52AA69

 52AA69

 41AA5C

 63AA76

 30AA50

 74AA82

 1FAA43

 85AA8F

 0EAA37

 96AA9B

 00AA2C

 A7AAA8

 B8AAB4

 C9AAC1

 DAAACD

 EBAADA

Harmonies

Analogous

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



89A249



52AA69



00AE94

Triad

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



52AA69



3D9EEE



E77772

Complementary

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



52AA69



AA5293

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.



E5749D



52AA69



968EE4

Square

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



52AA69



00A8E1



CB7EC7



D58550

Rectangle

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



52AA69



00AEB2



CB7EC7



E97580

Sweetspot

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



52AA69



BADEC4



94AA52



5B7060



F0F0F0



707070

Same Dimension

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



52AA69



54DE78



52AA94



4C544E



009427



001405

Inverse Universe

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



AA5293



DE54BA



AA5268



544C52



94006D



14000F

Previews

White Background



This preview shows how the Hex color 52AA69 looks on a white background.

Color Contrast Check

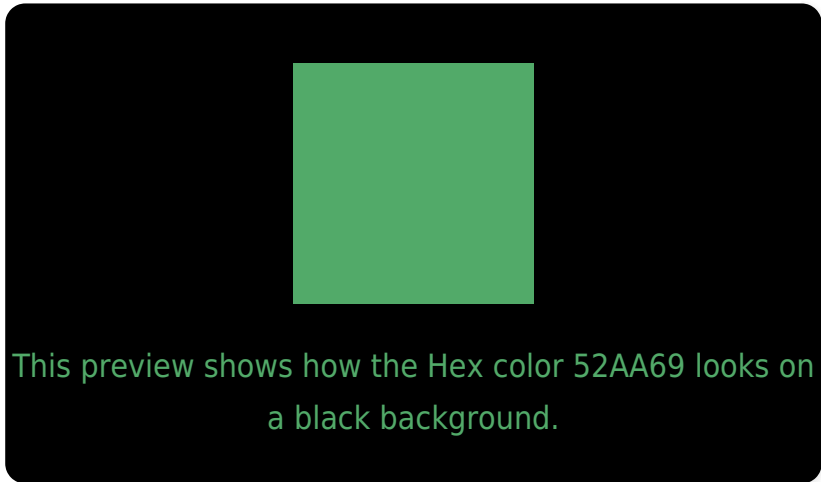
Large Text (above 18pt) WCAG AA × Fail

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

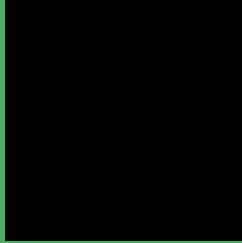
Any Text WCAG AA ✓ Pass

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 52AA69 Background



This preview shows how black text looks on a background with the Hex color 52AA69.

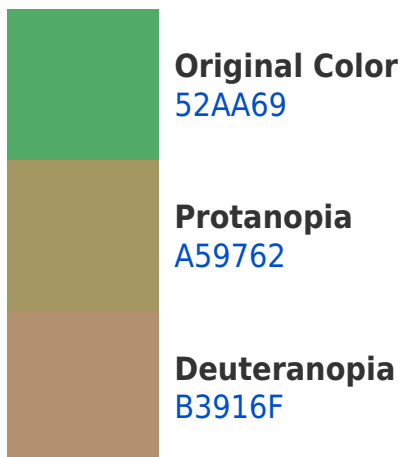


This preview shows how white text looks on a background with the Hex color 52AA69.

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](#).

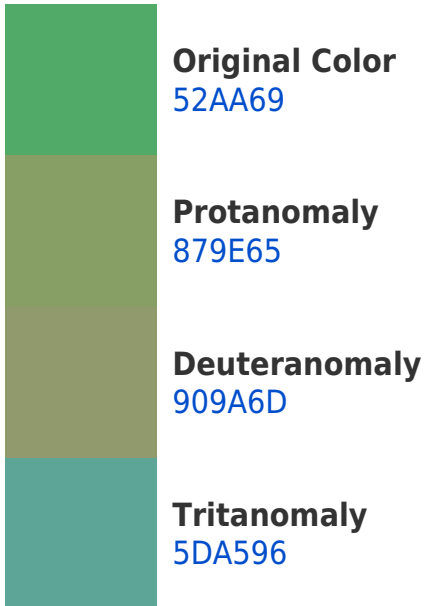
Dichromacy





Tritanopia
63A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52AA69 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 #52AA69 looks like.

```
.text, #text, p{  
    color:#52AA69  
}
```

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 #52AA69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52AA69
}
```

Border

The CSS property to change the border of an element to Hex 52AA69 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
#52AA69 }
```

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

```
.border{ border-color:#52AA69 }
```

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

Here you see how a box with a 4 pixel #52AA69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52AA69; -webkit-box-shadow:4px 4px  
4px 4px #52AA69; box-shadow:4px 4px 4px  
4px #52AA69 }
```

Background

The CSS property to change the background color of an element to Hex 52AA69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52AA69 }
```

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

```
.background{ background-color:#52AA69 }
```

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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