

Converting Colors

Hex(52A549)

Have a look what the booklet for
Hex(52A549) contains.

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Color

Hex(52A549)

Conversions

Conversions Part 1

Format	Color
Hex	52A549
RGB	82, 165, 73
RGB Percent	32%, 65%, 29%
CMY	0.6784, 0.3529, 0.7137
CMYK	0.50, 0.00, 0.56, 0.35
HSL	114°, 39%, 47%
HSV	114°, 56%, 65%
XYZ	18.1374, 29.1851, 10.9807
YIQ	129.6950, -19.9360, -46.2080

Conversions

Conversions Part 2

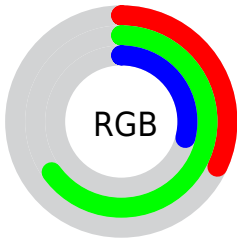
Format	Color
RYB	73, 165, 156
Decimal	5416265
CIELab	60.94, -43.80, 39.57
CIElCh	61, 59.025, 137.903
Yxy	29.1851, 0.3111, 0.5006
Android (android.graphics.Color)	4283606345 (0xFF52A549)
YUV	129.6950, -27.9506, -41.8285
Hunter-Lab	54.0233, -34.6124, 25.7651

Details

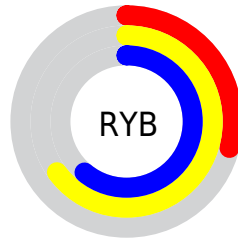
The Hex color **52A549** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9C49A5**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **89DD7C**, and **137017** is the 20% darker color. If you saturate the color by 10%, you get **43A538**, and if you desaturate by 10%, it is **61A559**.

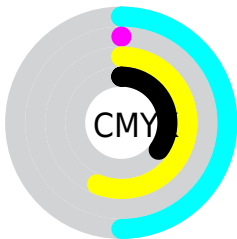
Distribution



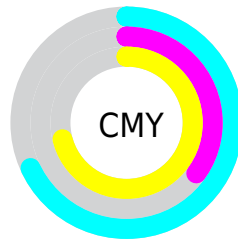
- Red (32%)
- Green (65%)
- Blue (29%)



- Red (29%)
- Yellow (65%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (56%)
- Black (35%)



- Cyan (68%)
- Magenta (35%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52A549 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 52A549 by changing the saturation by 10% instead.



52A549



52A549

FFFFFF



358A30



89DD7C



137017



A5FA97



005700



C2FFB2



003F00



DFFFCE



002A00



FCFEEA



000600



000000



52A549



52A549



43A538



61A559

 34A528

 70A56A

 25A517

 7FA57A

 16A507

 8EA58B

 10A500

 9CA59B

 ABA5AC

 BAA5BC

 C9A5CD

 D8A5DD

Harmonies

Analogous

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



909A24



52A549



00AB7B

Triad

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



52A549



009FF9



F26476

Complementary

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



52A549



9C49A5

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.



E765AA



52A549



6C8EF7

Square

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



52A549



00A9DF



BD78DA



E37447

Rectangle

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



52A549



00ACA0



BD78DA



F16287

Sweetspot

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



52A549



B5D6B2



A59C49



586B56



EBEBEB



6B6B6B

Same Dimension

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



52A549



55D647



49A56E



4A5249



0E9100



021200

Inverse Universe

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



9C49A5



C847D6



A54980



514952



830091



100012

Previews

White Background



This preview shows how the Hex color 52A549 looks on a white background.

Color Contrast Check

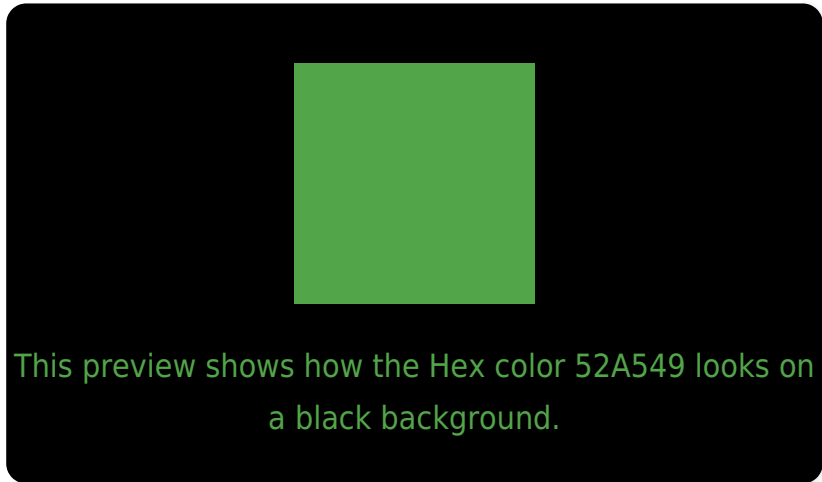
Large Text (above 18pt) WCAG AA ✓ Pass

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

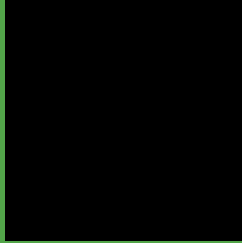
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 52A549 Background



This preview shows how black text looks on a background with the Hex color 52A549.

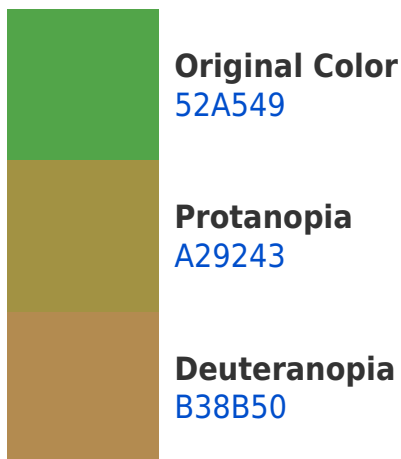


This preview shows how white text looks on a background with the Hex color 52A549.

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](#).

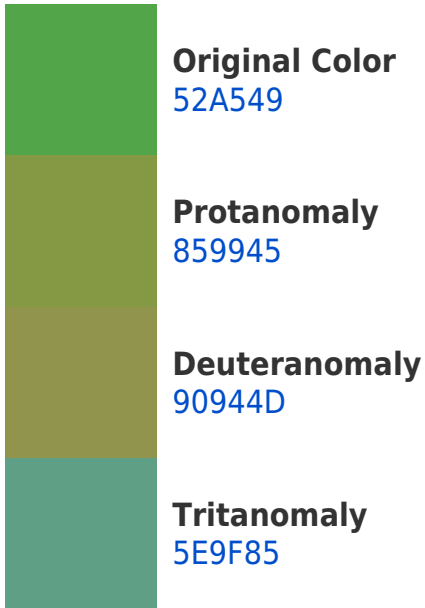
Dichromacy



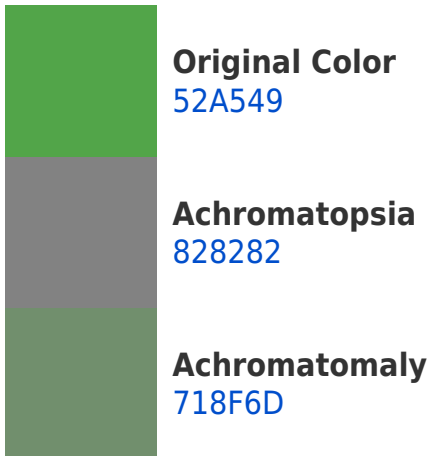


Tritanopia
659BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52A549 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 #52A549 looks like.

```
.text, #text, p{  
    color:#52A549  
}
```

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 #52A549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A549
}
```

Border

The CSS property to change the border of an element to Hex 52A549 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
#52A549 }
```

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

```
.border{ border-color:#52A549 }
```

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

Here you see how a box with a 4 pixel #52A549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A549; -webkit-box-shadow:4px 4px  
4px 4px #52A549; box-shadow:4px 4px 4px  
4px #52A549 }
```

Background

The CSS property to change the background color of an element to Hex 52A549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A549 }
```

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

```
.background{ background-color:#52A549 }
```

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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