

Converting Colors

Hex(53A947)

Have a look what the booklet for
Hex(53A947) contains.

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Color

Hex(53A947)

Conversions

Conversions Part 1

Format	Color
Hex	53A947
RGB	83, 169, 71
RGB Percent	33%, 66%, 28%
CMY	0.6745, 0.3373, 0.7216
CMYK	0.51, 0.00, 0.58, 0.34
HSL	113°, 41%, 47%
HSV	113°, 58%, 66%
XYZ	18.8926, 30.6699, 10.8854
YIQ	132.1140, -19.7980, -48.7100

Conversions

Conversions Part 2

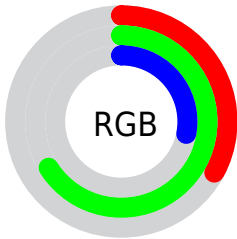
Format	Color
RYB	71, 169, 157
Decimal	5482823
CIELab	62.23, -45.39, 42.05
CIELCh	62, 61.875, 137.185
Yxy	30.6699, 0.3125, 0.5074
Android (android.graphics.Color)	4283672903 (0xFF53A947)
YUV	132.1140, -30.1292, -43.0730
Hunter-Lab	55.3804, -36.0218, 27.1124

Details

The Hex color **53A947** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D47A9**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8BE17A**, and **127413** is the 20% darker color. If you saturate the color by 10%, you get **44A936**, and if you desaturate by 10%, it is **62A958**.

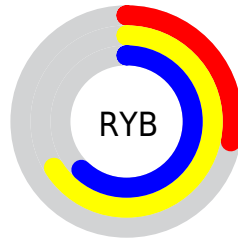
Distribution



Red (33%)

Green (66%)

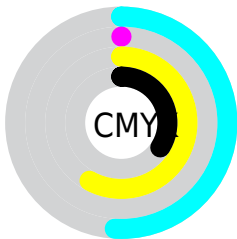
Blue (28%)



Red (28%)

Yellow (66%)

Blue (62%)

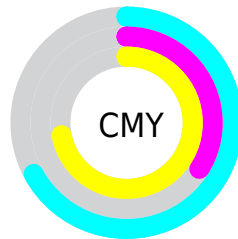


Cyan (51%)

Magenta (0%)

Yellow (58%)

Black (34%)



Cyan (67%)

Magenta (34%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A947 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 53A947 by changing the saturation by 10% instead.

 53A947

 53A947

FFFFFF

 368E2E

 8BE17A

 127413

 A7FE95

 005B00

 C4FFB0

 004200

 E1FFCC

 002C00

 FEFEE9

 000F00

 000000

 53A947

 53A947

 44A936

 62A958

 35A925

 71A969

 27A914

 7FA97A

 18A903

 8EA98B

 15A900

 9DA99B

 ACA9AC

 BBA9BD

 CAA9CE

 D8A9DF

Harmonies

Analogous

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



949D1F



53A947



00AF7C

Triad

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



53A947



00A3FF



FA6379

Complementary

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



53A947



9D47A9

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.



EE65B0



53A947



6992FF

Square

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



53A947



00ADE6



C17AE2



EA7547

Rectangle

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



53A947



00B1A2



C17AE2



F9618B

Sweetspot

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



53A947



BBDBB6



A99C47



5A6E58



EDEDED



6E6E6E

Same Dimension

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



53A947



55DB42



47A96B



4D544C



129400



021400

Inverse Universe

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



9D47A9



C942DB



A94785



534C54



820094



120014

Previews

White Background



This preview shows how the Hex color 53A947 looks on a white background.

Color Contrast Check

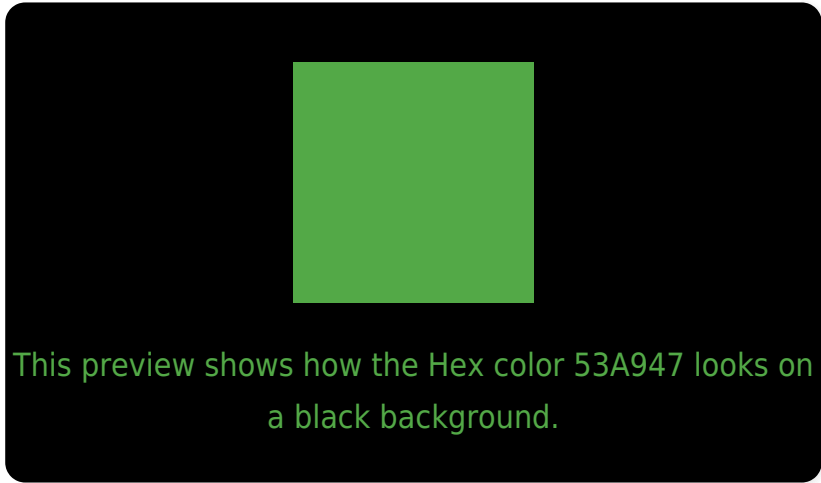
Large Text (above 18pt) WCAG AA × Fail

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 53A947 Background



This preview shows how black text looks on a background with the Hex color 53A947.



This preview shows how white text looks on a background with the Hex color 53A947.

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



Original Color
53A947

Protanopia
A69641

Deuteranopia
B78E4E

Trichromacy



Original Color
53A947



Protanomaly
889D43



Deuteranomaly
93984B



Tritanomaly
60A387

Monochromacy



Original Color
53A947



Achromatopsia
848484



Achromatomaly
72916E

CSS Examples

Text

The CSS property to change the color of the text to Hex 53A947 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 #53A947 looks like.

```
.text, #text, p{  
    color:#53A947  
}
```

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 #53A947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A947  
}
```

Border

The CSS property to change the border of an element to Hex 53A947 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  
#53A947 }
```

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

```
.border{ border-color:#53A947 }
```

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

Here you see how a box with a 4 pixel #53A947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A947; -webkit-box-shadow:4px 4px  
4px 4px #53A947; box-shadow:4px 4px 4px  
4px #53A947 }
```

Background

The CSS property to change the background color of an element to Hex 53A947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A947 }
```

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

```
.background{ background-color:#53A947 }
```

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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