

# Converting Colors

Hex(5A9053)

Have a look what the booklet for  
Hex(5A9053) contains.

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**Color**

**Hex(5A9053)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A9053
RGB	90, 144, 83
RGB Percent	35%, 56%, 33%
CMY	0.6471, 0.4353, 0.6745
CMYK	0.37, 0.00, 0.42, 0.44
HSL	113°, 27%, 45%
HSV	113°, 42%, 56%
XYZ	15.7510, 22.7447, 11.7436
YIQ	120.9000, -12.6030, -30.4190

# Conversions

## Conversions Part 2

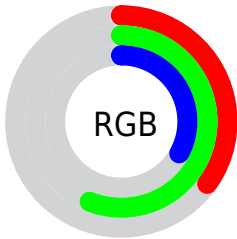
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 144, 137
Decimal	5935187
CIELab	54.81, -30.57, 26.88
CIElCh	55, 40.709, 138.674
Yxy	22.7447, 0.3135, 0.4527
Android (android.graphics.Color)	4284125267 (0xFF5A9053)
YUV	120.9000, -18.6847, -27.0993
Hunter-Lab	47.6914, -24.5068, 18.7843

# Details

The Hex color **5A9053** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **895390**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8EC685**, and **275D24** is the 20% darker color. If you saturate the color by 10%, you get **4D9045**, and if you desaturate by 10%, it is **679061**.

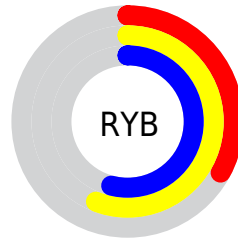
# Distribution



Red (35%)

Green (56%)

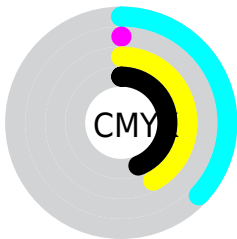
Blue (33%)



Red (33%)

Yellow (56%)

Blue (54%)

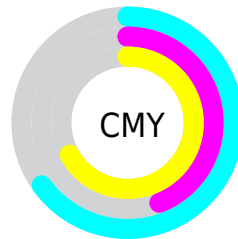


Cyan (37%)

Magenta (0%)

Yellow (42%)

Black (44%)



Cyan (65%)

Magenta (44%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A9053 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 5A9053 by changing the saturation by 10% instead.



 5A9053

 5A9053

FFFFFF

 41763B

 8EC685

 275D24

 AAE2A0

 0A450E

 C5FFBB

 002E00

 E2FFD7

 001900

 FFFFF3

 000000

 5A9053

 5A9053


 4D9045

 679061

 419036

 739070

 349028


 80907E

 279019

 8D908D

 1A900B

 9A909B

 119000

 A690A9

 B390B8

 C090C6

 CD90D5

# Harmonies

## Analogous

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



83883E



5A9053



199474

# Triad

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



5A9053



178BC8



C6676E

# Complementary

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



5A9053



895390

# 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.



BE6792



5A9053



707FC6

# Square

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



5A9053



0092B7



A271B2



BC7050

# Rectangle

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



5A9053



00958D



A271B2



C5667A



# Sweetspot

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



5A9053



A5BAA2



908953



515E4F



DEDEDE



5E5E5E



# Same Dimension

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



5A9053



66BA5B



53906A



414740



108700



010800



# Inverse Universe

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



895390



AF5BBA



905379



474047



780087



070008



# Previews

## White Background



This preview shows how the Hex color 5A9053 looks on a white background.

## Color Contrast Check

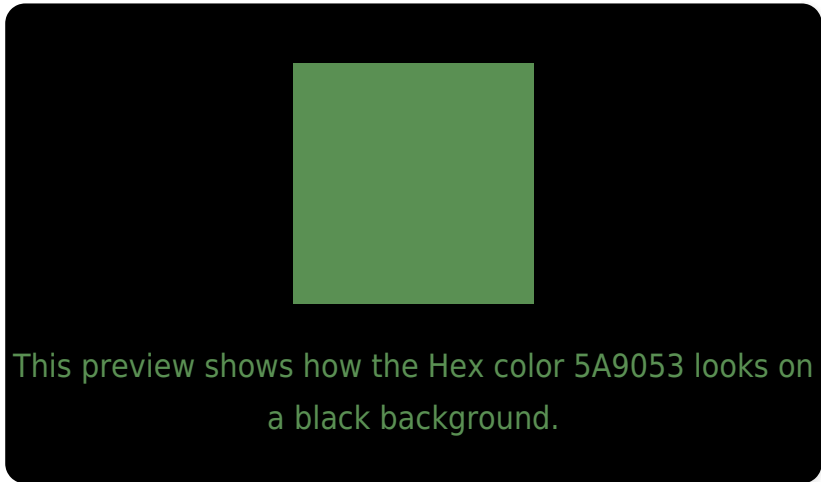
Large Text (above 18pt) WCAG AA ✓ Pass

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

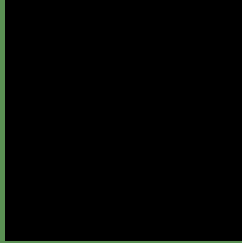
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A9053 Background



This preview shows how black text looks on a background with the Hex color 5A9053.



This preview shows how white text looks on a background with the Hex color 5A9053.

# 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**  
5A9053

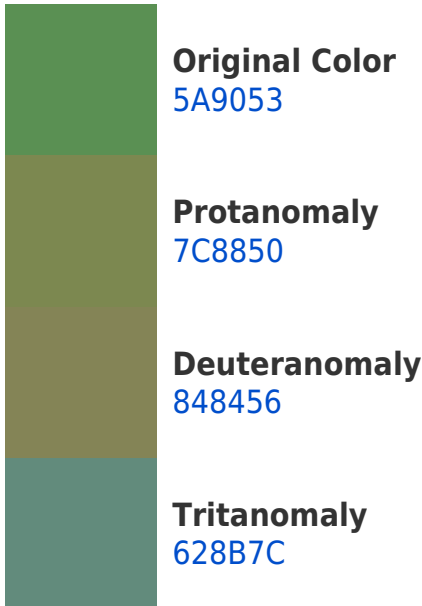
**Protanopia**  
8F834E

**Deuteranopia**  
9C7D57

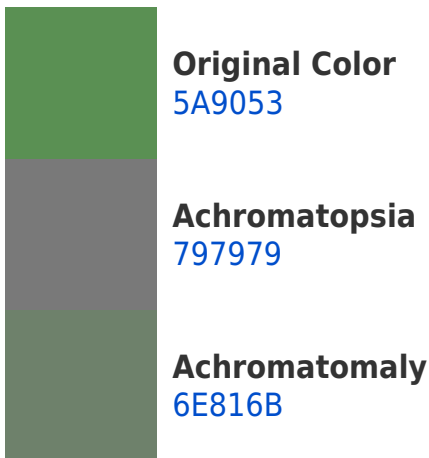


**Tritanopia**  
668893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A9053 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 #5A9053 looks like.

```
.text, #text, p{  
    color:#5A9053  
}
```

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 #5A9053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9053
}
```

## Border

The CSS property to change the border of an element to Hex 5A9053 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
#5A9053 }
```

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

```
.border{ border-color:#5A9053 }
```

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

Here you see how a box with a 4 pixel #5A9053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9053; -webkit-box-shadow:4px 4px  
4px 4px #5A9053; box-shadow:4px 4px 4px  
4px #5A9053 }
```

# Background

The CSS property to change the background color of an element to Hex 5A9053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9053 }
```

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

```
.background{ background-color:#5A9053 }
```

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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