

# Converting Colors

Hex(53924C)

Have a look what the booklet for  
Hex(53924C) contains.

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# Color

Hex(53924C)

# Conversions

## Conversions Part 1

Format	Color
Hex	53924C
RGB	83, 146, 76
RGB Percent	33%, 57%, 30%
CMY	0.6745, 0.4275, 0.7020
CMYK	0.43, 0.00, 0.48, 0.43
HSL	114°, 32%, 44%
HSV	114°, 48%, 57%
XYZ	15.1507, 22.9186, 10.4627
YIQ	119.1830, -15.0780, -35.1260

# Conversions

## Conversions Part 2

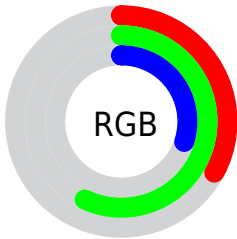
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 146, 139
Decimal	5476940
CIELab	54.99, -34.88, 30.79
CIELCh	55, 46.525, 138.567
Yxy	22.9186, 0.3122, 0.4722
Android (android.graphics.Color)	4283667020 (0xFF53924C)
YUV	119.1830, -21.2892, -31.7325
Hunter-Lab	47.8733, -27.2877, 20.5536

# Details

The Hex color **53924C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B4C92**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **88C87E**, and **1D5F1D** is the 20% darker color. If you saturate the color by 10%, you get **46923D**, and if you desaturate by 10%, it is **60925B**.

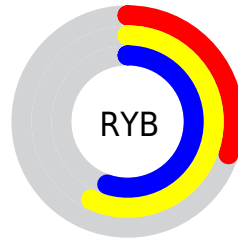
# Distribution



Red (33%)

Green (57%)

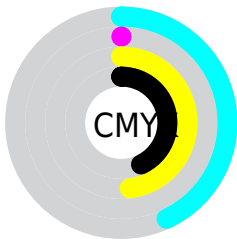
Blue (30%)



Red (30%)

Yellow (57%)

Blue (55%)

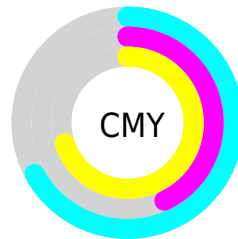


Cyan (43%)

Magenta (0%)

Yellow (48%)

Black (43%)



Cyan (67%)

Magenta (43%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53924C 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 53924C by changing the saturation by 10% instead.



 53924C

 53924C

FFFFFF

 397834

 88C87E

 1D5F1D

 A3E598

 004604

 BFFF84

 002F00

 DCFFCF

 001A00

 F9FFEC

 000000

 53924C

 53924C

 46923D

 60925B

 39922F

 6D9269

 2C9220

 7A9278

 1E9212

 889286

 119203

 959295

 0F9200

 A292A4

 AF92B2

 BC92C1

 C992CF

# Harmonies

## Analogous

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



828933



53924C



009772

# Triad

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



53924C



008CD2



CE616C

# Complementary

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



53924C



8B4C92

# 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.



C66295



53924C



6B7FD0

# Square

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



53924C



0094BF



A66FB9



C36D49

# Rectangle

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



53924C



00988E



A66FB9



CE607A



# Sweetspot

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



53924C



A5BDA2



928B4C



505E4E



DEDEDE



5E5E5E



# Same Dimension

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



53924C



5ABD4F



4C9268



434A43



0E8A00



010A00



# Inverse Universe

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



8B4C92



B24FBD



924C76



49434A



7C008A



09000A



# Previews

## White Background



This preview shows how the Hex color 53924C looks on a white background.

## Color Contrast Check

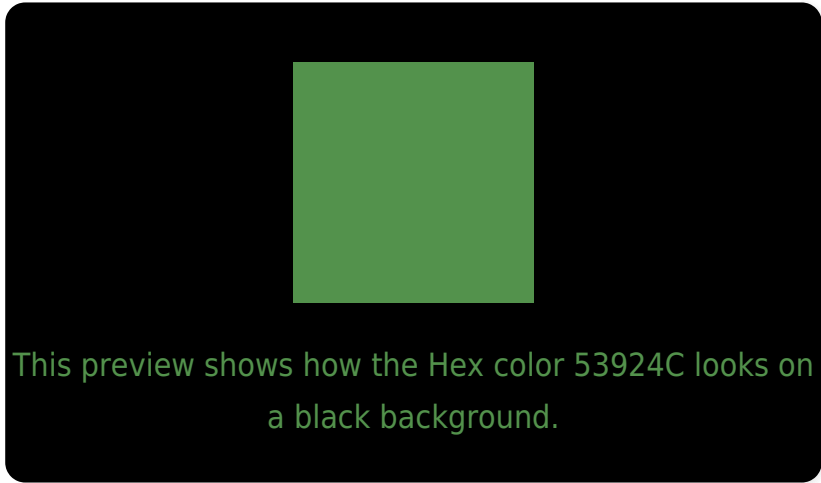
Large Text (above 18pt) WCAG AA ✓ Pass

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 53924C Background



This preview shows how black text looks on a background with the Hex color 53924C.

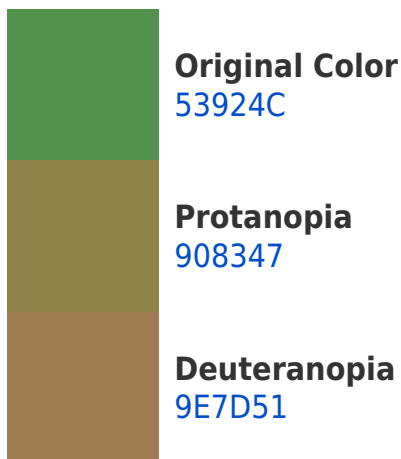



This preview shows how white text looks on a background with the Hex color 53924C.

# 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](#).

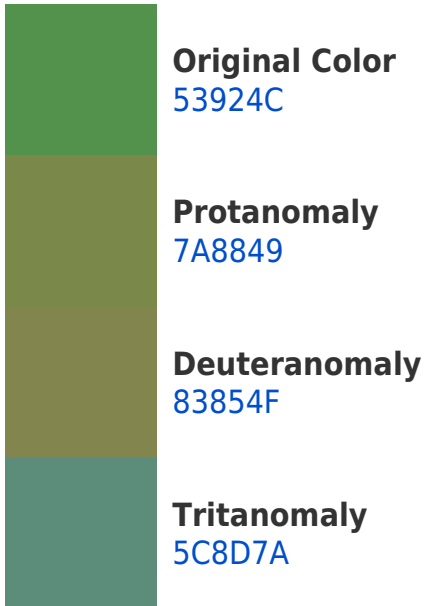
## Dichromacy





**Tritanopia**  
618A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53924C 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 #53924C looks like.

```
.text, #text, p{  
    color:#53924C  
}
```

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 #53924C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53924C
}
```

## Border

The CSS property to change the border of an element to Hex 53924C 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
#53924C }
```

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

```
.border{ border-color:#53924C }
```

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

Here you see how a box with a 4 pixel #53924C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53924C; -webkit-box-shadow:4px 4px  
4px 4px #53924C; box-shadow:4px 4px 4px  
4px #53924C }
```

# Background

The CSS property to change the background color of an element to Hex 53924C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53924C }
```

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

```
.background{ background-color:#53924C }
```

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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