

# Converting Colors

Hex(53904E)

Have a look what the booklet for  
Hex(53904E) contains.

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# Color

Hex(53904E)

# Conversions

## Conversions Part 1

Format	Color
Hex	53904E
RGB	83, 144, 78
RGB Percent	33%, 56%, 31%
CMY	0.6745, 0.4353, 0.6941
CMYK	0.42, 0.00, 0.46, 0.44
HSL	115°, 30%, 44%
HSV	115°, 46%, 56%
XYZ	14.9157, 22.3356, 10.7328
YIQ	118.2370, -15.1700, -33.4580

# Conversions

## Conversions Part 2

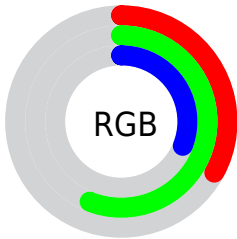
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 144, 139
Decimal	5476430
CIELab	54.38, -33.67, 28.96
CIELCh	54, 44.413, 139.304
Yxy	22.3356, 0.3108, 0.4655
Android (android.graphics.Color)	4283666510 (0xFF53904E)
YUV	118.2370, -19.8368, -30.9028
Hunter-Lab	47.2605, -26.3703, 19.6177

# Details

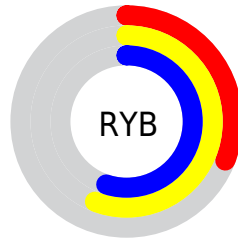
The Hex color **53904E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B4E90**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **88C680**, and **1E5D1F** is the 20% darker color. If you saturate the color by 10%, you get **469040**, and if you desaturate by 10%, it is **60905C**.

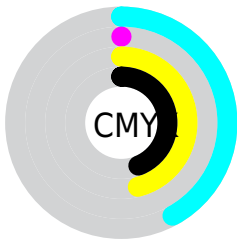
# Distribution



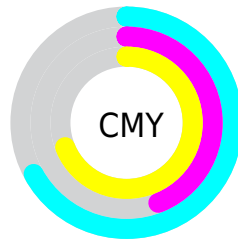
- Red (33%)
- Green (56%)
- Blue (31%)



- Red (31%)
- Yellow (56%)
- Blue (55%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53904E 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 53904E by changing the saturation by 10% instead.



 53904E

 53904E

FFFFFF

 397636

 88C680

 1E5D1F

 A3E39A

 004507

 BFFFB6

 002E00

 DBFFD1

 001800

 F8FFEE

 000000

 53904E

 53904E

 469040

 60905C

 389031

 6E906B

 2B9023


 7B9079

 1E9014

 889088

 109006

 969096

 0B9000

 A390A4

 B090B3

 BD90C1

 CB90D0

# Harmonies

## Analogous

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



808836



53904E



009473

# Triad

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



53904E



008ACD



CA626B

# Complementary

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



53904E



8B4E90

# 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.



C26291



53904E



6D7DCB

# Square

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



53904E



0092BB



A46EB4



BE6D49

# Rectangle

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



53904E



00958D



A46EB4



C96178



# Sweetspot

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



53904E



A2BAA0



908B4E



505E4E



DEDEDE



5E5E5E



# Same Dimension

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



53904E



5CBA54



4E906A



414740



0A8700



010800



# Inverse Universe

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



8B4E90



B254BA



904E74



474047



7D0087



070008



# Previews

## White Background



This preview shows how the Hex color 53904E looks on a white background.

## Color Contrast Check

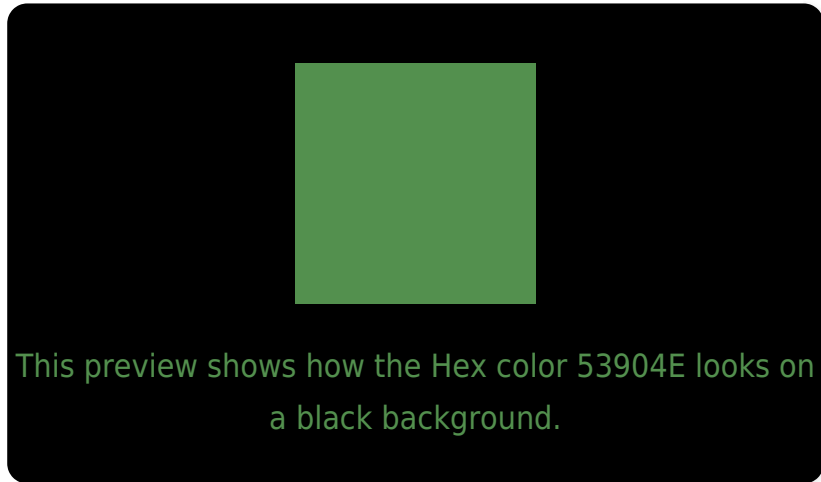
Large Text (above 18pt) WCAG AA ✓ Pass

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

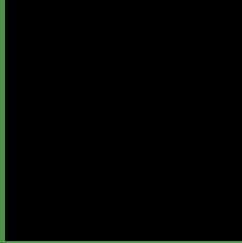
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 53904E Background



This preview shows how black text looks on a background with the Hex color 53904E.



This preview shows how white text looks on a background with the Hex color 53904E.

# 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](#).

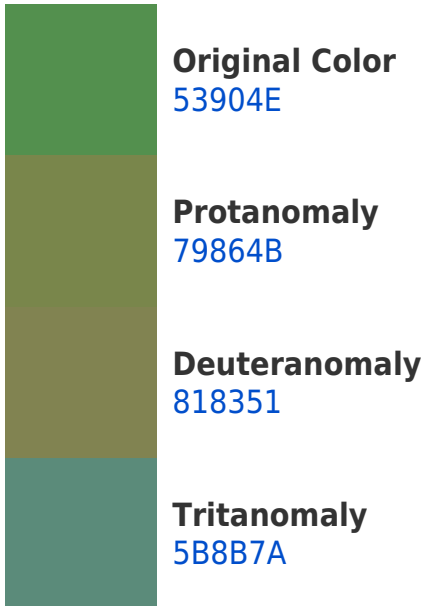
## Dichromacy



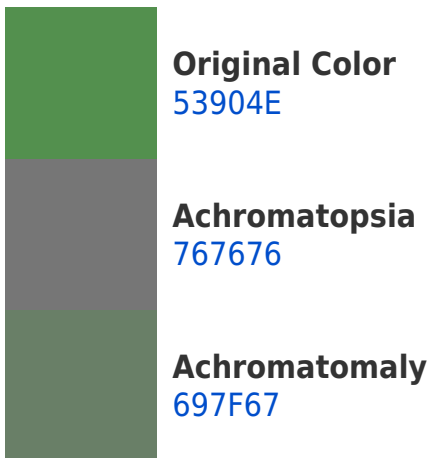


**Tritanopia**  
608893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53904E 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 #53904E looks like.

```
.text, #text, p{  
    color:#53904E  
}
```

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 #53904E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53904E
}
```

## Border

The CSS property to change the border of an element to Hex 53904E 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
#53904E }
```

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

```
.border{ border-color:#53904E }
```

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

Here you see how a box with a 4 pixel #53904E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53904E; -webkit-box-shadow:4px 4px  
4px 4px #53904E; box-shadow:4px 4px 4px  
4px #53904E }
```

# Background

The CSS property to change the background color of an element to Hex 53904E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53904E }
```

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

```
.background{ background-color:#53904E }
```

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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