

# Converting Colors

Hex(55904B)

Have a look what the booklet for  
Hex(55904B) contains.

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**Color**

**Hex(55904B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55904B
RGB	85, 144, 75
RGB Percent	33%, 56%, 29%
CMY	0.6667, 0.4353, 0.7059
CMYK	0.41, 0.00, 0.48, 0.44
HSL	111°, 32%, 43%
HSV	111°, 48%, 56%
XYZ	14.9896, 22.3858, 10.1875
YIQ	118.4930, -13.0150, -33.9670

# Conversions

## Conversions Part 2

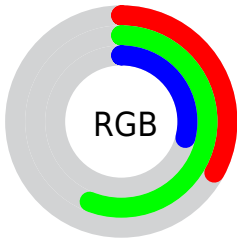
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 144, 134
Decimal	5607499
CIELab	54.43, -33.46, 30.64
CIELCh	54, 45.368, 137.514
Yxy	22.3858, 0.3152, 0.4707
Android (android.graphics.Color)	4283797579 (0xFF55904B)
YUV	118.4930, -21.4420, -29.3734
Hunter-Lab	47.3136, -26.2478, 20.3534

# Details

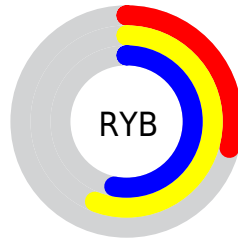
The Hex color **55904B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **864B90**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8AC67D**, and **215D1C** is the 20% darker color. If you saturate the color by 10%, you get **49903D**, and if you desaturate by 10%, it is **619059**.

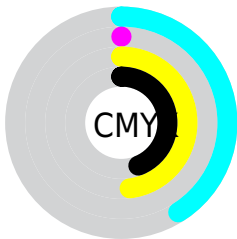
# Distribution



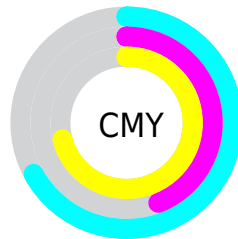
- Red (33%)
- Green (56%)
- Blue (29%)



- Red (29%)
- Yellow (56%)
- Blue (53%)



- Cyan (41%)
- Magenta (0%)
- Yellow (48%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55904B 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 55904B by changing the saturation by 10% instead.





55904B



55904B

FFFFFF



3B7633



8AC67D



215D1C



A5E297



004503



C1FFB2



002E00



DFFFCE



001800



FAFFEB



000000



55904B



55904B



49903D



619059



3C902E



6E9068

■ 309020

■ 7A9076

■ 249011

■ 869085

■ 179003

■ 939093

■ 159000

■ 9F90A1

■ AB90B0

■ B890BE

■ C490CD

# Harmonies

## Analogous

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



828733



55904B



009570

# Triad

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



55904B



008BCE



CB616D

# Complementary

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



55904B



864B90

# 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.



C26294



55904B



687ECD

# Square

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



55904B



0093BB



A26FB8



C06C4A

# Rectangle

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



55904B



00968B



A26FB8



CB607A



# Sweetspot

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



55904B



A4BAA0



90864B



515E4E



DEDEDE



5E5E5E



# Same Dimension

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



55904B



5EBA4E



4B9063



414740



148700



010800



# Inverse Universe

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



864B90



AB4EBA



904B78



464047



740087



070008



# Previews

## White Background



This preview shows how the Hex color 55904B looks on a white background.

## Color Contrast Check

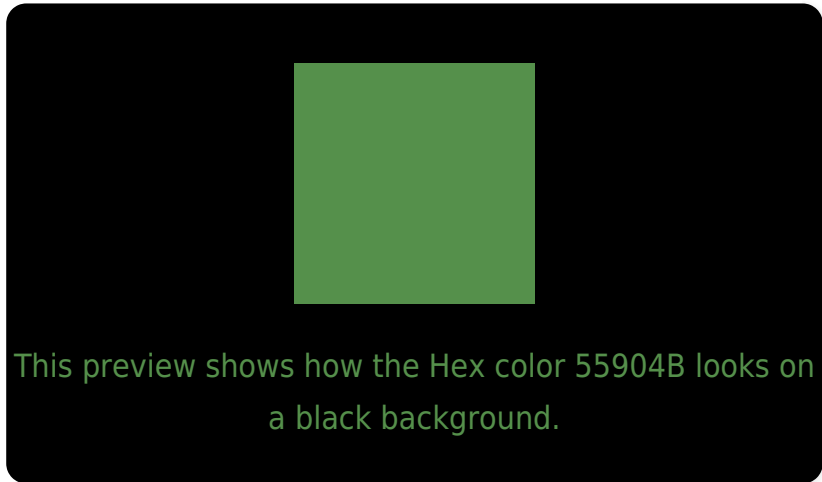
Large Text (above 18pt) WCAG AA ✓ Pass

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 55904B Background



This preview shows how black text looks on a background with the Hex color 55904B.

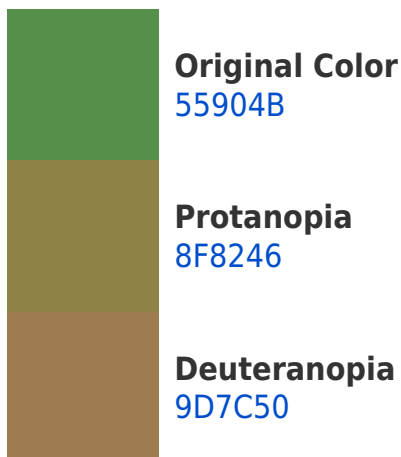


This preview shows how white text looks on a background with the Hex color 55904B.

# 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**  
628893

# Trichromacy



**Original Color**  
55904B

**Protanomaly**  
7A8748

**Deuteranomaly**  
83834E

**Tritanomaly**  
5D8B79

# Monochromacy



**Original Color**  
55904B

**Achromatopsia**  
767676

**Achromatomaly**  
6A7F66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55904B 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 #55904B looks like.

```
.text, #text, p{  
    color:#55904B  
}
```

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 #55904B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55904B
}
```

## Border

The CSS property to change the border of an element to Hex 55904B 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
#55904B }
```

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

```
.border{ border-color:#55904B }
```

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

Here you see how a box with a 4 pixel #55904B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55904B; -webkit-box-shadow:4px 4px  
4px 4px #55904B; box-shadow:4px 4px 4px  
4px #55904B }
```

# Background

The CSS property to change the background color of an element to Hex 55904B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55904B }
```

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

```
.background{ background-color:#55904B }
```

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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