

# Converting Colors

Hex(4A925F)

Have a look what the booklet for  
Hex(4A925F) contains.

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# Color

Hex(4A925F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A925F
RGB	74, 146, 95
RGB Percent	29%, 57%, 37%
CMY	0.7098, 0.4275, 0.6275
CMYK	0.49, 0.00, 0.35, 0.43
HSL	138°, 33%, 43%
HSV	138°, 49%, 57%
XYZ	15.1685, 22.8398, 14.4355
YIQ	118.6580, -26.5410, -31.1250

# Conversions

## Conversions Part 2

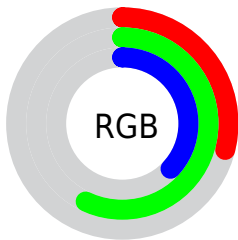
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 130, 146
Decimal	4887135
CIELab	54.91, -34.42, 20.27
CIElCh	55, 39.950, 149.507
Yxy	22.8398, 0.2892, 0.4355
Android (android.graphics.Color)	4283077215 (0xFF4A925F)
YUV	118.6580, -11.6634, -39.1651
Hunter-Lab	47.7910, -26.9799, 15.5449

# Details

The Hex color **4A925F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **924A7D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7FC892**, and **105F30** is the 20% darker color. If you saturate the color by 10%, you get **3B9255**, and if you desaturate by 10%, it is **599269**.

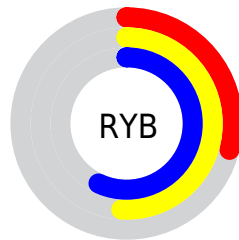
# Distribution



Red (29%)

Green (57%)

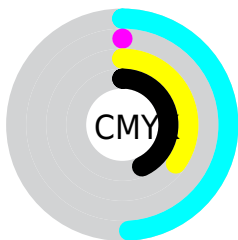
Blue (37%)



Red (29%)

Yellow (51%)

Blue (57%)

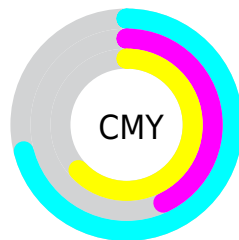


Cyan (49%)

Magenta (0%)

Yellow (35%)

Black (43%)



Cyan (71%)

Magenta (43%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A925F 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 4A925F by changing the saturation by 10% instead.



 4A925F

 4A925F

FFFFFF

 2F7847

 7FC892

 105F30

 9AE5AD

 00461A

 B6FFC8

 002F02

 D3FFE4

 001A00

 F0FFFF

 000000

 4A925F

 4A925F


 3B9255

 599269

 2D924A

 679274

 1E9240

 76927E

 109236


 849288

 01922B

 939293

 00922B

 A2929D

 B092A7

 BF92B2

 CD92BC

# Harmonies

## Analogous

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



768B45



4A925F



009582

# Triad

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



4A925F



4687C8



C36A63

# Complementary

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



4A925F



924A7D

# 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.



C26785



4A925F



857BC0

# Square

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



4A925F



0090BE



AE6EA7



B47548

# Rectangle

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



4A925F



009599



AE6EA7



C5686E



# Sweetspot

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



4A925F



A0BDA9



7E924A



4D5E52



DEDEDE



5E5E5E



# Same Dimension

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



4A925F



4DBD6E



4A9282



434A45



008A28



000A03



# Inverse Universe

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



924A7D



BD4D9C



924A5A



4A4348



8A0062



0A0007



# Previews

## White Background



This preview shows how the Hex color 4A925F looks on a white background.

## Color Contrast Check

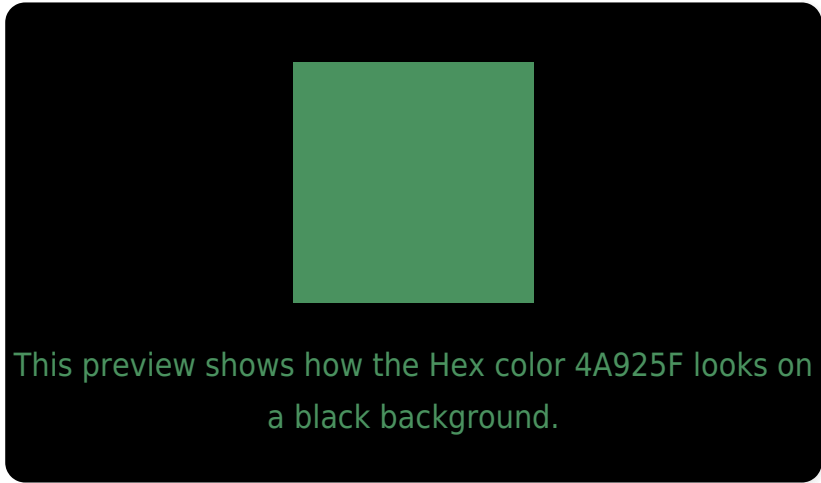
Large Text (above 18pt) WCAG AA ✓ Pass

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

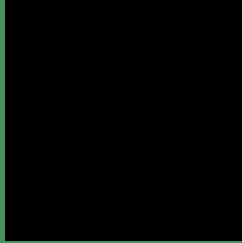
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4A925F Background



This preview shows how black text looks on a background with the Hex color 4A925F.

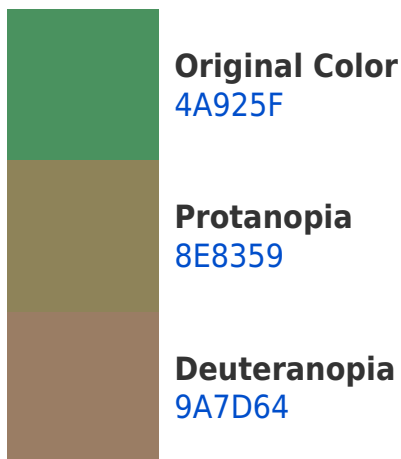


This preview shows how white text looks on a background with the Hex color 4A925F.

# 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



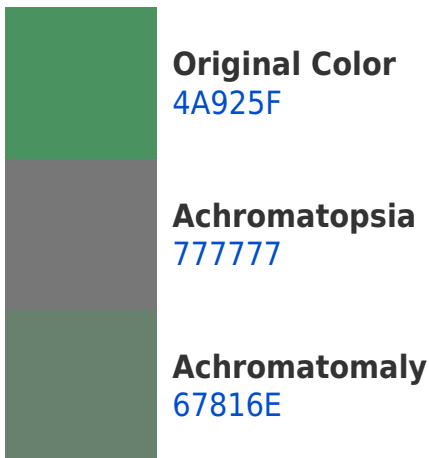


**Tritanopia**  
578B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A925F 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 #4A925F looks like.

```
.text, #text, p{  
    color:#4A925F  
}
```

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 #4A925F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A925F  
}
```

## Border

The CSS property to change the border of an element to Hex 4A925F 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  
#4A925F }
```

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

```
.border{ border-color:#4A925F }
```

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

Here you see how a box with a 4 pixel #4A925F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A925F; -webkit-box-shadow:4px 4px  
4px 4px #4A925F; box-shadow:4px 4px 4px  
4px #4A925F }
```

# Background

The CSS property to change the background color of an element to Hex 4A925F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A925F }
```

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

```
.background{ background-color:#4A925F }
```

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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