

# Converting Colors

Hex(68A94F)

Have a look what the booklet for  
Hex(68A94F) contains.

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# Color

Hex(68A94F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68A94F
RGB	104, 169, 79
RGB Percent	41%, 66%, 31%
CMY	0.5922, 0.3373, 0.6902
CMYK	0.38, 0.00, 0.53, 0.34
HSL	103°, 36%, 49%
HSV	103°, 53%, 66%
XYZ	21.3082, 31.8835, 12.4282
YIQ	139.3050, -9.8500, -41.7700

# Conversions

## Conversions Part 2

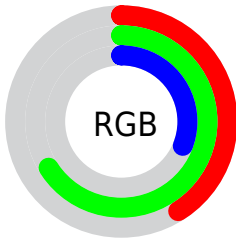
Format	Color
<a href="#">RYB</a>	<a href="#">79, 169, 144</a>
Decimal	<a href="#">6859087</a>
CIELab	<a href="#">63.25, -37.84, 39.62</a>
CIELCh	<a href="#">63, 54.781, 133.685</a>
Yxy	<a href="#">31.8835, 0.3247, 0.4859</a>
Android (android.graphics.Color)	<a href="#">4285049167</a> ( <a href="#">0xFF68A94F</a> )
YUV	<a href="#">139.3050, -29.7304, -30.9625</a>
Hunter-Lab	<a href="#">56.4655, -31.4547, 26.4759</a>

# Details

The Hex color **68A94F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **904FA9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9EE182**, and **32741D** is the 20% darker color. If you saturate the color by 10%, you get **5CA93E**, and if you desaturate by 10%, it is **74A960**.

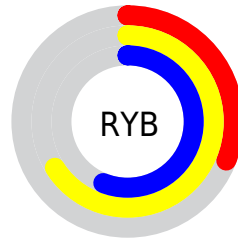
# Distribution



Red (41%)

Green (66%)

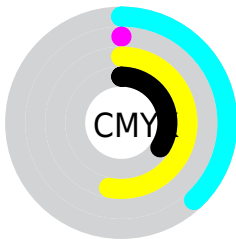
Blue (31%)



Red (31%)

Yellow (66%)

Blue (56%)

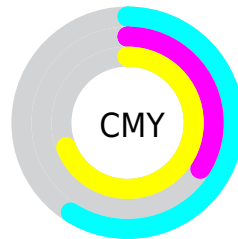


Cyan (38%)

Magenta (0%)

Yellow (53%)

Black (34%)



Cyan (59%)

Magenta (34%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68A94F 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 68A94F by changing the saturation by 10% instead.





68A94F



68A94F

FFFFFF



4D8E36



9EE182



32741D



BAFE9D



145B00



D7FFB8



004300



F4FFD5



002C00



FFFFFF1



001300



000000



68A94F



68A94F



5CA93E



74A960

■ 50A92D

■ 80A971

■ 43A91C

■ 8DA982

■ 37A90B

■ 99A993

■ 2FA900

■ A5A9A3

■ B1A9B4

■ BDA9C5

■ CAA9D6

■ D6A9E7

# Harmonies

## Analogous

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



9F9E33



68A94F



00AF7C

# Triad

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



68A94F



00A6F6



F36E85

# Complementary

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



68A94F



904FA9

# 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.



E572B6



68A94F



6A97F8

# Square

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



68A94F



00AEDB



B983E0



E87A58

# Rectangle

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



68A94F



00B19E



B983E0



F16D95



# Sweetspot

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



68A94F



C2DBB8



A98F4F



5F6E59



EDEDED



6E6E6E



# Same Dimension

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



68A94F



76DB4F



4FA962



4E544C



299400



061400



# Inverse Universe

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



904FA9



B44FDB



A94F95



524C54



6B0094



0F0014



# Previews

## White Background



This preview shows how the Hex color 68A94F looks on a white background.

## Color Contrast Check

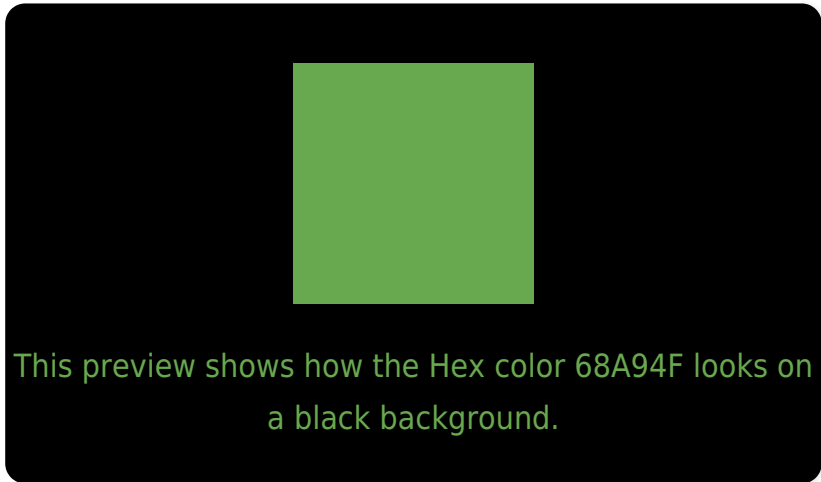
Large Text (above 18pt) WCAG AA × Fail

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

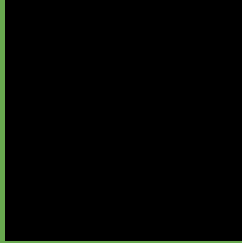
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68A94F Background



This preview shows how black text looks on a background with the Hex color 68A94F.



This preview shows how white text looks on a background with the Hex color 68A94F.

# 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



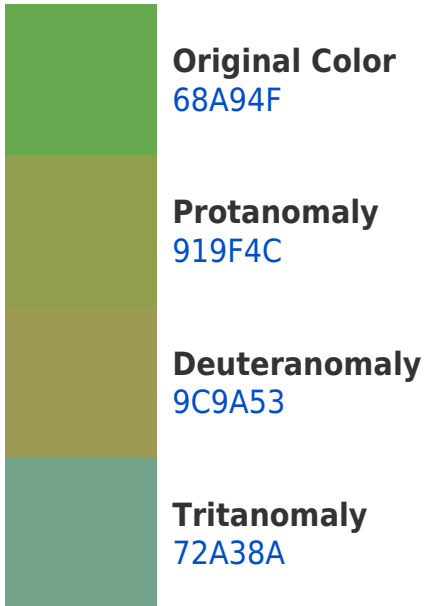
**Original Color**  
68A94F

**Protanopia**  
A9994A

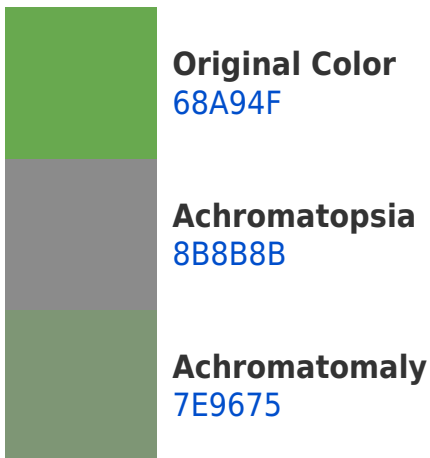
**Deuteranopia**  
BA9155



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68A94F 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 #68A94F looks like.

```
.text, #text, p{  
    color:#68A94F  
}
```

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 #68A94F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A94F
}
```

## Border

The CSS property to change the border of an element to Hex 68A94F 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
#68A94F }
```

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

```
.border{ border-color:#68A94F }
```

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

Here you see how a box with a 4 pixel #68A94F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A94F; -webkit-box-shadow:4px 4px  
4px 4px #68A94F; box-shadow:4px 4px 4px  
4px #68A94F }
```

# Background

The CSS property to change the background color of an element to Hex 68A94F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A94F }
```

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

```
.background{ background-color:#68A94F }
```

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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