

# Converting Colors

Hex(6A952F)

Have a look what the booklet for  
Hex(6A952F) contains.

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**Color**

**Hex(6A952F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A952F
RGB	106, 149, 47
RGB Percent	42%, 58%, 18%
CMY	0.5843, 0.4157, 0.8157
CMYK	0.29, 0.00, 0.68, 0.42
HSL	85°, 52%, 38%
HSV	85°, 68%, 58%
XYZ	17.2044, 24.7643, 6.5625
YIQ	124.5150, 7.1140, -40.8380

# Conversions

## Conversions Part 2

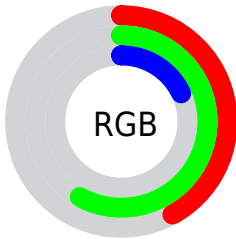
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">47, 149, 90</a>
Decimal	<a href="#">6985007</a>
CIELab	<a href="#">56.85, -31.15, 47.18</a>
CIElCh	<a href="#">57, 56.535, 123.434</a>
Yxy	<a href="#">24.7643, 0.3545, 0.5103</a>
Android (android.graphics.Color)	<a href="#">4285175087 (0xFF6A952F)</a>
YUV	<a href="#">124.5150, -38.2149, -16.2377</a>
Hunter-Lab	<a href="#">49.7637, -25.3753, 27.0158</a>

# Details

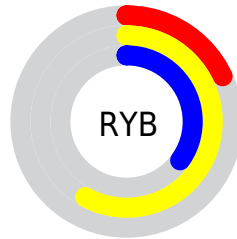
The Hex color **6A952F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5A2F95**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A0CB63**, and **356200** is the 20% darker color. If you saturate the color by 10%, you get **649520**, and if you desaturate by 10%, it is **70953E**.

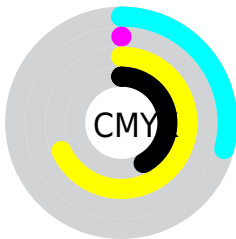
# Distribution



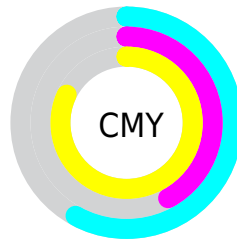
- Red (42%)
- Green (58%)
- Blue (18%)



- Red (18%)
- Yellow (58%)
- Blue (35%)



- Cyan (29%)
- Magenta (0%)
- Yellow (68%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A952F 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 6A952F by changing the saturation by 10% instead.





6A952F



6A952F

FFFFFF



507B13



A0CB63



356200



BCE87D



1C4A00



D9FF98



003300



F6FFB3



002000



FFFFCF



000000



FFF FEC



6A952F



6A952F



649520



70953E

■ 5D9511

■ 77954D

■ 579502

■ 7D955C

■ 569500

■ 83956B

■ 89957A

■ 909588

■ 969597

■ 9C95A6

■ A395B5

# Harmonies

## Analogous

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



9D8819



6A952F



049D5A

# Triad

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



6A952F



0099E0



E05985

# Complementary

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



6A952F



5A2F95

# 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.



C864B5



6A952F



008CEB

# Square

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



6A952F



009FBD



9179DB



DD6255

# Rectangle

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



6A952F



009F7C



9179DB



DC5B95



# Sweetspot

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



6A952F



B1C299



955A2F



576149



E0E0E0



616161



# Same Dimension

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



6A952F



7FC223



38952F



474A43



508A00



060A00



# Inverse Universe

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



5A2F95



6623C2



8C2F95



46434A



3A008A



04000A



# Previews

## White Background



This preview shows how the Hex color 6A952F looks on a white background.

## Color Contrast Check

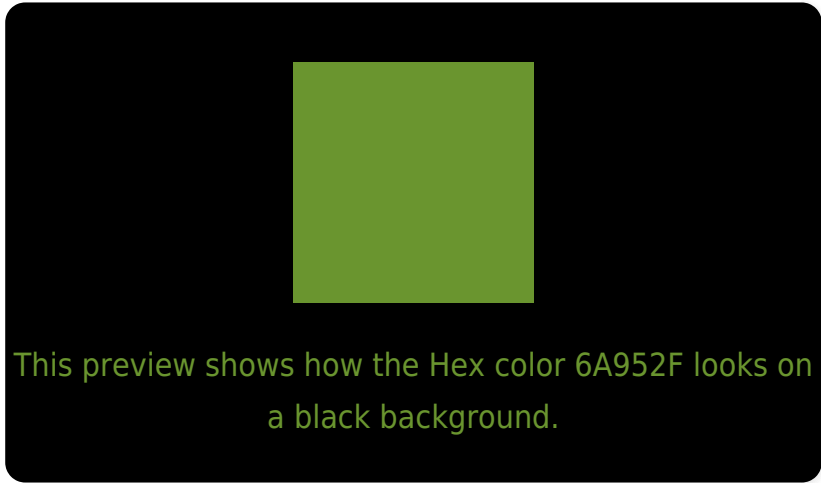
Large Text (above 18pt) WCAG AA ✓ Pass

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

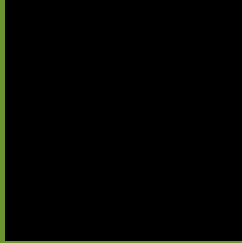
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A952F Background



This preview shows how black text looks on a background with the Hex color 6A952F.



This preview shows how white text looks on a background with the Hex color 6A952F.

# 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](#).

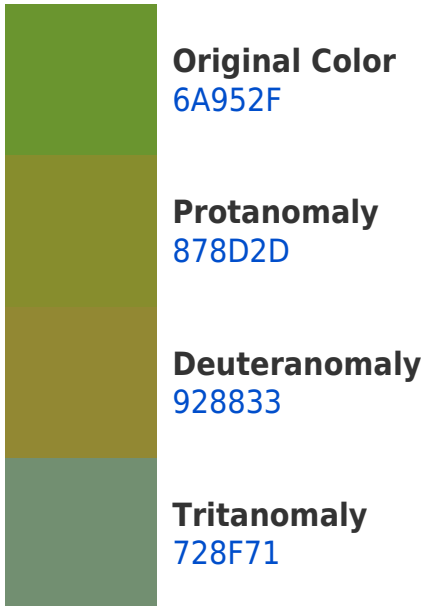
## Dichromacy



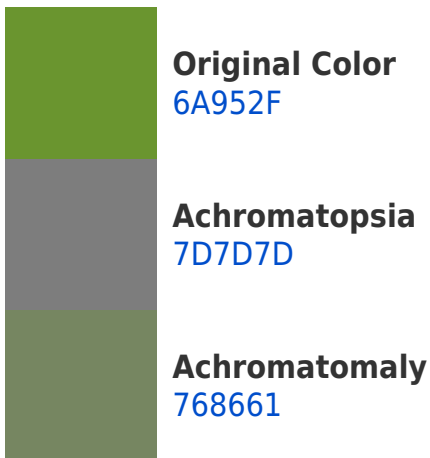


**Tritanopia**  
778B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A952F 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 #6A952F looks like.

```
.text, #text, p{  
    color:#6A952F  
}
```

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 #6A952F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A952F
}
```

## Border

The CSS property to change the border of an element to Hex 6A952F 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
#6A952F }
```

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

```
.border{ border-color:#6A952F }
```

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

Here you see how a box with a 4 pixel #6A952F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A952F; -webkit-box-shadow:4px 4px  
4px 4px #6A952F; box-shadow:4px 4px 4px  
4px #6A952F }
```

# Background

The CSS property to change the background color of an element to Hex 6A952F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A952F }
```

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

```
.background{ background-color:#6A952F }
```

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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