

# Converting Colors

Hex(6B914A)

Have a look what the booklet for  
Hex(6B914A) contains.

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**Color**

**Hex(6B914A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B914A
RGB	107, 145, 74
RGB Percent	42%, 57%, 29%
CMY	0.5804, 0.4314, 0.7098
CMYK	0.26, 0.00, 0.49, 0.43
HSL	92°, 32%, 43%
HSV	92°, 49%, 57%
XYZ	17.4248, 23.8710, 10.1677
YIQ	125.5440, 0.1430, -30.1370

# Conversions

## Conversions Part 2

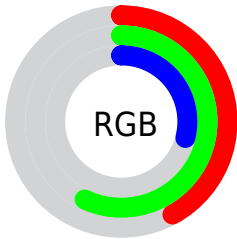
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 145, 112
Decimal	7049546
CIELab	55.96, -26.13, 33.33
CIELCh	56, 42.348, 128.091
Yxy	23.8710, 0.3386, 0.4638
Android (android.graphics.Color)	4285239626 (0xFF6B914A)
YUV	125.5440, -25.4112, -16.2631
Hunter-Lab	48.8580, -21.8407, 21.8618

# Details

The Hex color **6B914A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **704A91**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A0C77C**, and **395E1A** is the 20% darker color. If you saturate the color by 10%, you get **63913C**, and if you desaturate by 10%, it is **739159**.

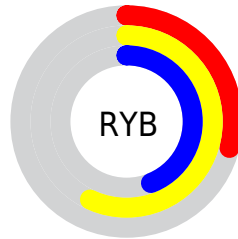
# Distribution



Red (42%)

Green (57%)

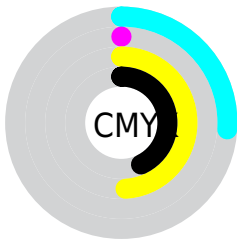
Blue (29%)



Red (29%)

Yellow (57%)

Blue (44%)

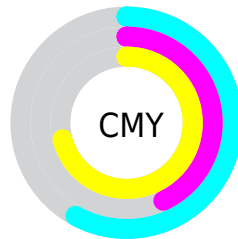


Cyan (26%)

Magenta (0%)

Yellow (49%)

Black (43%)



Cyan (58%)

Magenta (43%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B914A 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 6B914A by changing the saturation by 10% instead.



 6B914A

 6B914A

FFFFFF

 527732

 A0C77C

 395E1A

 BCE397

 204601

 D8FFB2

 072F00

 F5FFCD

 001D00

 FFFFEA

 000000

 6B914A

 6B914A

 63913C

 739159

 5B912D

 7B9167

■ 54911F

■ 829176

■ 4C9110

■ 8A9184

■ 449102

■ 929193

■ 439100

■ 9A91A1

■ A191B0

■ A991BE

■ B191CD

# Harmonies

## Analogous

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



92873A



6B914A



369769

# Triad

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



6B914A



0091CA



CB677D

# Complementary

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



6B914A



704A91

# 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.



BB6CA2



6B914A



5A87CF

# Square

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



6B914A



0097B2



9679C0



C76E5B

# Rectangle

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



6B914A



009982



9679C0



C8678A



# Sweetspot

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



6B914A



AEBDA0



91704A



555E4D



DEDEDE



5E5E5E



# Same Dimension

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



6B914A



81BD4D



4A914C



444740



3F8700



040800



# Inverse Universe

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



704A91



894DBD



914A8F



444047



480087



040008



# Previews

## White Background



This preview shows how the Hex color 6B914A 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

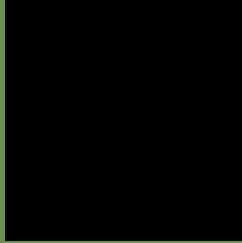
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B914A Background



This preview shows how black text looks on a background with the Hex color 6B914A.



This preview shows how white text looks on a background with the Hex color 6B914A.

# 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**  
768994

# Trichromacy



**Original Color**  
6B914A

**Protanomaly**  
848A47

**Deuteranomaly**  
8F864D

**Tritanomaly**  
728C79

# Monochromacy



**Original Color**  
6B914A

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
77856B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B914A 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 #6B914A looks like.

```
.text, #text, p{  
    color:#6B914A  
}
```

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 #6B914A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B914A
}
```

## Border

The CSS property to change the border of an element to Hex 6B914A 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
#6B914A }
```

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

```
.border{ border-color:#6B914A }
```

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

Here you see how a box with a 4 pixel #6B914A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B914A; -webkit-box-shadow:4px 4px  
4px 4px #6B914A; box-shadow:4px 4px 4px  
4px #6B914A }
```

# Background

The CSS property to change the background color of an element to Hex 6B914A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B914A }
```

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

```
.background{ background-color:#6B914A }
```

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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