

# Converting Colors

Hex(6A9224)

Have a look what the booklet for  
Hex(6A9224) contains.

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**Color**

**Hex(6A9224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9224
RGB	106, 146, 36
RGB Percent	42%, 57%, 14%
CMY	0.5843, 0.4275, 0.8588
CMYK	0.27, 0.00, 0.75, 0.43
HSL	82°, 60%, 36%
HSV	82°, 75%, 57%
XYZ	16.5412, 23.7493, 5.3813
YIQ	121.5000, 11.4700, -42.6900

# Conversions

## Conversions Part 2

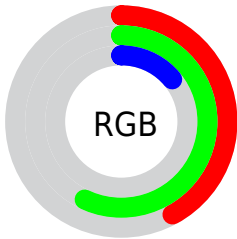
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 146, 76
Decimal	6984228
CIELab	55.84, -30.48, 50.46
CIELCh	56, 58.951, 121.136
Yxy	23.7493, 0.3622, 0.5200
Android (android.graphics.Color)	4285174308 (0xFF6A9224)
YUV	121.5000, -42.1515, -13.5935
Hunter-Lab	48.7333, -24.6963, 27.5662

# Details

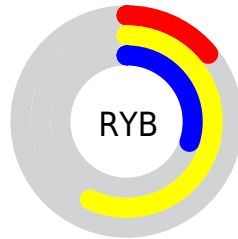
The Hex color **6A9224** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4C2492**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A0C859**, and **355F00** is the 20% darker color. If you saturate the color by 10%, you get **659215**, and if you desaturate by 10%, it is **6F9233**.

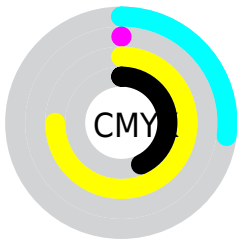
# Distribution



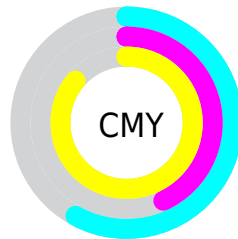
- Red (42%)
- Green (57%)
- Blue (14%)



- Red (14%)
- Yellow (57%)
- Blue (30%)



- Cyan (27%)
- Magenta (0%)
- Yellow (75%)
- Black (43%)



- Cyan (58%)
- Magenta (43%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9224 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 6A9224 by changing the saturation by 10% instead.





6A9224



6A9224

FFFFFF



507800



A0C859



355F00



BDE473



1B4700



D9FF8E



003000



F6FFAA



001D00



FFFFC6



000000



FFFFE2



6A9224



6A9224



659215



6F9233

■ 5F9207

■ 759241

■ 5D9200

■ 7A9250

■ 7F925E

■ 85926D

■ 8A927C

■ 8F928A

■ 949299

■ 9A92A7

# Harmonies

## Analogous

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



9E840B



6A9224



009A52

# Triad

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



6A9224



0098DF



E05386

# Complementary

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



6A9224



4C2492

# 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.



C560B8



6A9224



008BED

# Square

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



6A9224



009DB9



8877DE



DE5C54

# Rectangle

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



6A9224



009D74



8877DE



DA5697



# Sweetspot

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



6A9224



ADBD91



924A24



555E44



DEDEDE



5E5E5E



# Same Dimension

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



6A9224



7FBD13



349224



474A43



588A00



060A00



# Inverse Universe

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



4C2492



5113BD



812492



45434A



32008A



04000A



# Previews

## White Background



This preview shows how the Hex color 6A9224 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 6A9224 Background



This preview shows how black text looks on a background with the Hex color 6A9224.



This preview shows how white text looks on a background with the Hex color 6A9224.

# 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**  
6A9224

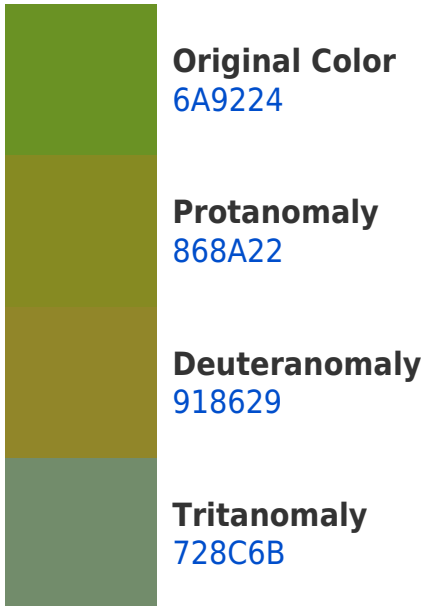
**Protanopia**  
968621

**Deuteranopia**  
A77F2C

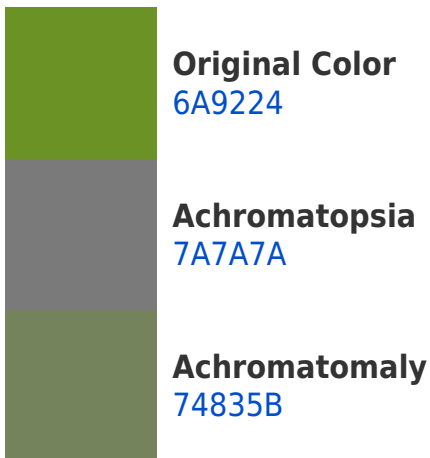


**Tritanopia**  
778893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9224 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 #6A9224 looks like.

```
.text, #text, p{  
    color:#6A9224  
}
```

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 #6A9224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9224
}
```

## Border

The CSS property to change the border of an element to Hex 6A9224 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
#6A9224 }
```

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

```
.border{ border-color:#6A9224 }
```

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

Here you see how a box with a 4 pixel #6A9224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9224; -webkit-box-shadow:4px 4px  
4px 4px #6A9224; box-shadow:4px 4px 4px  
4px #6A9224 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9224 }
```

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

```
.background{ background-color:#6A9224 }
```

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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