

# Converting Colors

Hex(6A9C26)

Have a look what the booklet for  
Hex(6A9C26) contains.

<b>Hex(6A9C26)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6A9C26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A9C26
RGB	106, 156, 38
RGB Percent	42%, 61%, 15%
CMY	0.5843, 0.3882, 0.8510
CMYK	0.32, 0.00, 0.76, 0.39
HSL	85°, 61%, 38%
HSV	85°, 76%, 61%
XYZ	18.1822, 26.9810, 6.0833
YIQ	127.5980, 8.0780, -47.2980

# Conversions

## Conversions Part 2

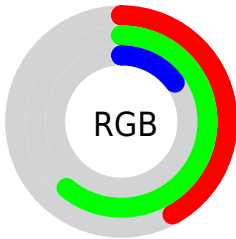
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 156, 88
Decimal	6986790
CIE <sub>Lab</sub>	58.96, -34.99, 52.78
CIE <sub>LCh</sub>	59, 63.324, 123.545
Yxy	26.9810, 0.3548, 0.5265
Android (android.graphics.Color)	4285176870 (0xFF6A9C26)
YUV	127.5980, -44.1718, -18.9414
Hunter-Lab	51.9433, -28.4188, 29.4166

# Details

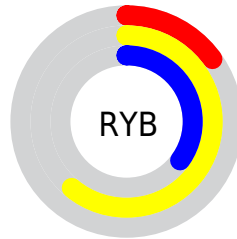
The Hex color **6A9C26** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **58269C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A1D35C**, and **346800** is the 20% darker color. If you saturate the color by 10%, you get **639C16**, and if you desaturate by 10%, it is **719C36**.

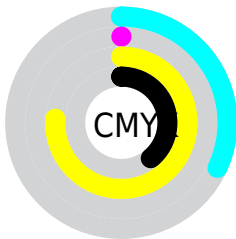
# Distribution



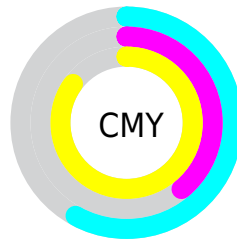
- Red (42%)
- Green (61%)
- Blue (15%)



- Red (15%)
- Yellow (61%)
- Blue (35%)



- Cyan (32%)
- Magenta (0%)
- Yellow (76%)
- Black (39%)



- Cyan (58%)
- Magenta (39%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9C26 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 6A9C26 by changing the saturation by 10% instead.





6A9C26



6A9C26

FFFFFF



4F8201



A1D35C



346800



BDEF76



185000



DAFF91



003800



F7FFAD



002400



FFFFC9



000000



FFFFE6



6A9C26



6A9C26



639C16



719C36

■ 5D9C07

■ 779C45

■ 5A9C00

■ 7E9C55

■ 849C64

■ 8B9C74

■ 929C84

■ 989C93

■ 9F9CA3

■ A59CB2

# Harmonies

## Analogous

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



A38D00



6A9C26



00A45A

# Triad

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



6A9C26



00A0F1



F0568A

# Complementary

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



6A9C26



58269C

# 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.



D663C0



6A9C26



0092FD

# Square

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



6A9C26



00A7CA



977CEB



EC6154

# Rectangle

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



6A9C26



00A780



977CEB



EB589C



# Sweetspot

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



6A9C26



B8CC9D



9C5726



5A6649



E6E6E6



666666



# Same Dimension

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



6A9C26



7DCC12



309C26



4C4F47



528F00



090F00



# Inverse Universe

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



58269C



6112CC



92269C



4A474F



3D008F



06000F



# Previews

## White Background



This preview shows how the Hex color 6A9C26 looks on a white background.

## Color Contrast Check

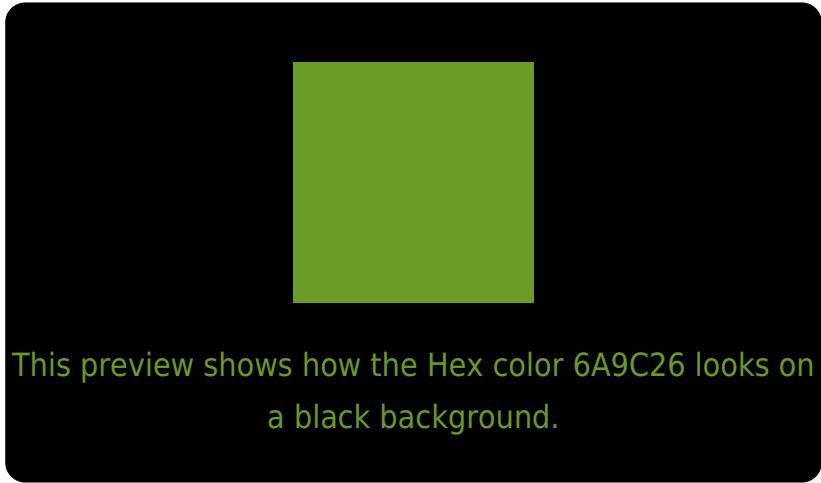
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A9C26 Background



This preview shows how black text looks on a background with the Hex color 6A9C26.



This preview shows how white text looks on a background with the Hex color 6A9C26.

# 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**  
6A9C26

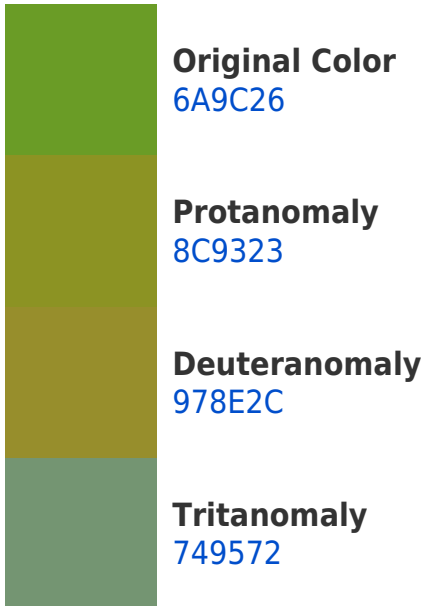
**Protanopia**  
9F8E22

**Deuteranopia**  
B1862F

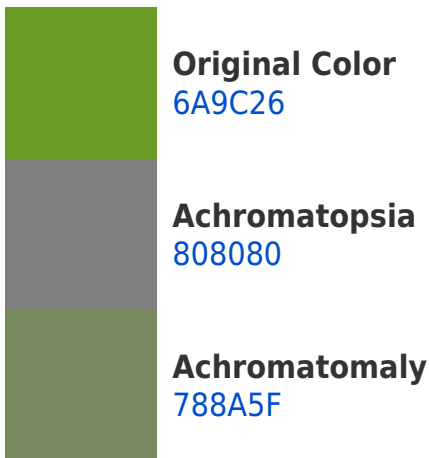


**Tritanopia**  
79919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9C26 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 #6A9C26 looks like.

```
.text, #text, p{  
    color:#6A9C26  
}
```

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 #6A9C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9C26
}
```

## Border

The CSS property to change the border of an element to Hex 6A9C26 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
#6A9C26 }
```

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

```
.border{ border-color:#6A9C26 }
```

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

Here you see how a box with a 4 pixel #6A9C26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9C26; -webkit-box-shadow:4px 4px  
4px 4px #6A9C26; box-shadow:4px 4px 4px  
4px #6A9C26 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9C26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9C26 }
```

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

```
.background{ background-color:#6A9C26 }
```

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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