

# Converting Colors

Hex(61964B)

Have a look what the booklet for  
Hex(61964B) contains.

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**Color**

**Hex(61964B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61964B
RGB	97, 150, 75
RGB Percent	38%, 59%, 29%
CMY	0.6196, 0.4118, 0.7059
CMYK	0.35, 0.00, 0.50, 0.41
HSL	102°, 33%, 44%
HSV	102°, 50%, 59%
XYZ	17.1061, 24.8621, 10.5539
YIQ	125.6030, -7.5130, -34.5610

# Conversions

## Conversions Part 2

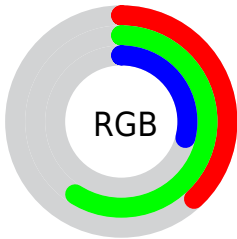
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 150, 128
Decimal	6395467
CIELab	56.94, -32.10, 33.89
CIELCh	57, 46.679, 133.449
Yxy	24.8621, 0.3257, 0.4734
Android (android.graphics.Color)	4284585547 (0xFF61964B)
YUV	125.6030, -24.9473, -25.0848
Hunter-Lab	49.8619, -26.0203, 22.3539

# Details

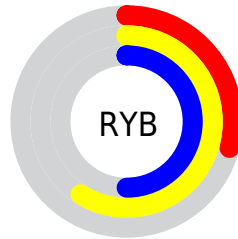
The Hex color **61964B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **804B96**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **96CD7D**, and **2E631B** is the 20% darker color. If you saturate the color by 10%, you get **56963C**, and if you desaturate by 10%, it is **6C965A**.

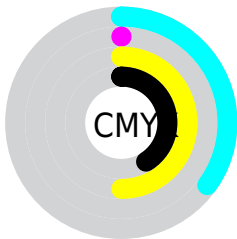
# Distribution



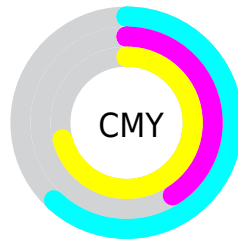
- Red (38%)
- Green (59%)
- Blue (29%)



- Red (29%)
- Yellow (59%)
- Blue (50%)



- Cyan (35%)
- Magenta (0%)
- Yellow (50%)
- Black (41%)



- Cyan (62%)
- Magenta (41%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61964B 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 61964B by changing the saturation by 10% instead.





61964B



61964B

FFFFFF



477C33



96CD7D



2E631B



B2E998



124A01



CEFFB3



003300



EAFFCF



002000



FFFFEB



000000



61964B



61964B



56963C



6C965A



4C962D



769669

■ 41961E

■ 819678

■ 37960F

■ 8B9687

■ 2C9600

■ 969696

■ A196A5

■ AB96B4

■ B696C3

■ C096D2

# Harmonies

## Analogous

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



8E8C35



61964B



0E9B70

# Triad

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



61964B



0093D6



D56678

# Complementary

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



61964B



804B96

# 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.



C869A1



61964B



6387D8

# Square

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



61964B



009BC0



A377C4



CC6F52

# Rectangle

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



61964B



009D8C



A377C4



D36586



# Sweetspot

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



61964B



ADC2A5



96804B



55614F



E0E0E0



616161



# Same Dimension

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



61964B



70C24E



4B965A



454A43



288A00



030A00



# Inverse Universe

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



804B96



A04EC2



964B87



48434A



61008A



07000A



# Previews

## White Background



This preview shows how the Hex color 61964B looks on a white background.

## Color Contrast Check

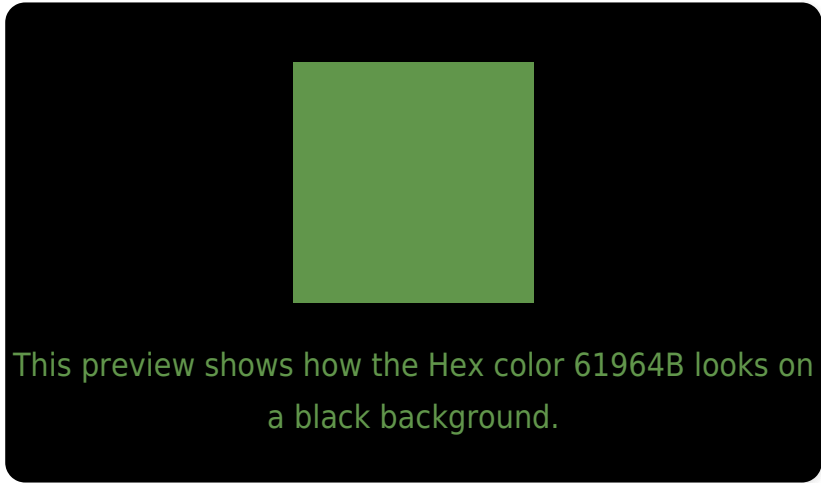
Large Text (above 18pt) WCAG AA ✓ Pass

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 61964B Background



This preview shows how black text looks on a background with the Hex color 61964B.



This preview shows how white text looks on a background with the Hex color 61964B.

# 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**  
61964B

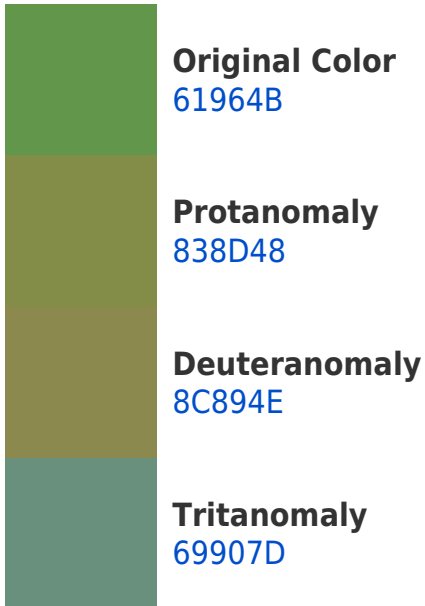
**Protanopia**  
968846

**Deuteranopia**  
A58250

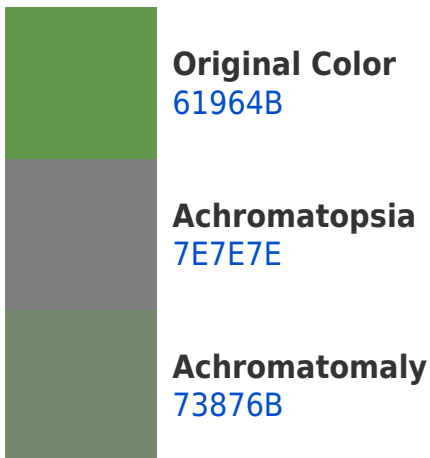


**Tritanopia**  
6E8D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61964B 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 #61964B looks like.

```
.text, #text, p{  
    color:#61964B  
}
```

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 #61964B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61964B
}
```

## Border

The CSS property to change the border of an element to Hex 61964B 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
#61964B }
```

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

```
.border{ border-color:#61964B }
```

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

Here you see how a box with a 4 pixel #61964B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61964B; -webkit-box-shadow:4px 4px  
4px 4px #61964B; box-shadow:4px 4px 4px  
4px #61964B }
```

# Background

The CSS property to change the background color of an element to Hex 61964B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61964B }
```

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

```
.background{ background-color:#61964B }
```

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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