

# Converting Colors

Hex(639442)

Have a look what the booklet for  
Hex(639442) contains.

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# Color

Hex(639442)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	639442
RGB	99, 148, 66
RGB Percent	39%, 58%, 26%
CMY	0.6118, 0.4196, 0.7412
CMYK	0.33, 0.00, 0.55, 0.42
HSL	96°, 38%, 42%
HSV	96°, 55%, 58%
XYZ	16.7189, 24.2258, 8.9491
YIQ	124.0010, -2.8820, -35.8900

# Conversions

## Conversions Part 2

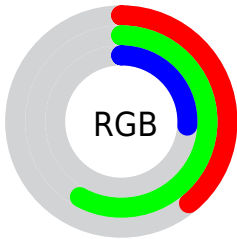
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 148, 115
Decimal	6526018
CIELab	56.31, -31.54, 37.72
CIElCh	56, 49.172, 129.903
Yxy	24.2258, 0.3351, 0.4855
Android (android.graphics.Color)	4284716098 (0xFF639442)
YUV	124.0010, -28.5945, -21.9259
Hunter-Lab	49.2197, -25.5020, 23.6737

# Details

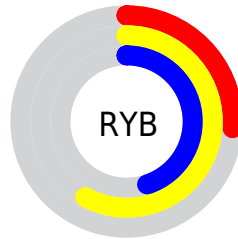
The Hex color **639442** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **734294**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **98CA74**, and **2F6110** is the 20% darker color. If you saturate the color by 10%, you get **5A9433**, and if you desaturate by 10%, it is **6C9451**.

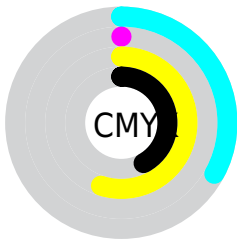
# Distribution



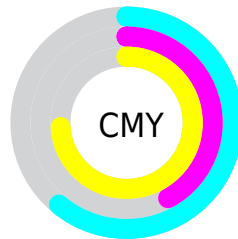
- Red (39%)
- Green (58%)
- Blue (26%)



- Red (26%)
- Yellow (58%)
- Blue (45%)



- Cyan (33%)
- Magenta (0%)
- Yellow (55%)
- Black (42%)



- Cyan (61%)
- Magenta (42%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 639442 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 639442 by changing the saturation by 10% instead.



 639442

 639442

FFFFFF

 497A2A

 98CA74

 2F6110

 B4E78F

 154900

 D0FFAA

 003200

 EDFFC5

 001E00

 FFFFE1

 000000

FFFFFFE

 639442

 639442

 5A9433

 6C9451

■ 519424

■ 759460

■ 489416

■ 7E946E

■ 409407

■ 86947D

■ 3C9400

■ 8F948C

■ 98949B

■ A194AA

■ AA94B8

■ B394C7

# Harmonies

## Analogous

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



91892D



639442



0D9A68

# Triad

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



639442



0093D7



D6617A

# Complementary

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



639442



734294

# 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.



C666A5



639442



5287DB

# Square

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



639442



009ABD



9C76C9



CF6A52

# Rectangle

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



639442



009C86



9C76C9



D36189



# Sweetspot

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



639442



ACBF9F



947242



55614E



E0E0E0



616161



# Same Dimension

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



639442



74BF41



429449



464A43



378A00



040A00



# Inverse Universe

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



734294



8C41BF



94428D



47434A



52008A



06000A



# Previews

## White Background



This preview shows how the Hex color 639442 looks on a white background.

## Color Contrast Check

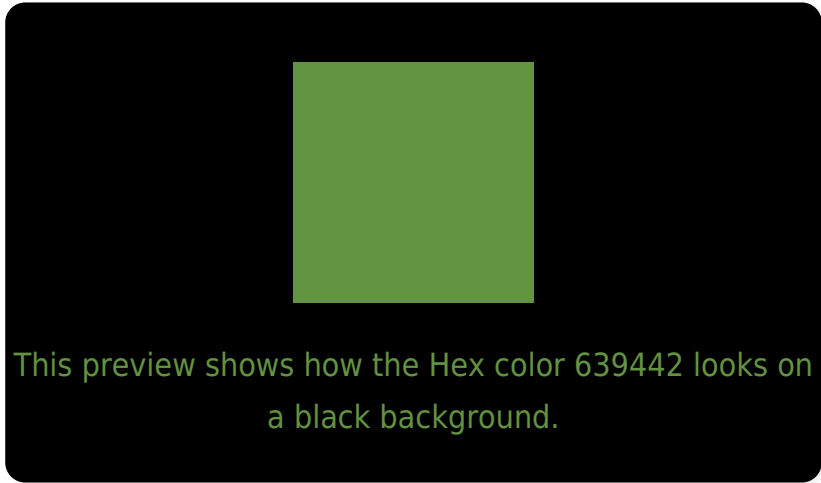
Large Text (above 18pt) WCAG AA ✓ Pass

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 639442 Background



This preview shows how black text looks on a background with the Hex color 639442.



This preview shows how white text looks on a background with the Hex color 639442.

# 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**  
708B96

# Trichromacy



**Original Color**  
639442

**Protanomaly**  
838C3F

**Deuteranomaly**  
8D8745

**Tritanomaly**  
6B8E77

# Monochromacy



**Original Color**  
639442

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
738567

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 639442 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 #639442 looks like.

```
.text, #text, p{  
    color:#639442  
}
```

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 #639442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639442
}
```

## Border

The CSS property to change the border of an element to Hex 639442 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
#639442 }
```

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

```
.border{ border-color:#639442 }
```

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

Here you see how a box with a 4 pixel #639442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639442; -webkit-box-shadow:4px 4px  
4px 4px #639442; box-shadow:4px 4px 4px  
4px #639442 }
```

# Background

The CSS property to change the background color of an element to Hex 639442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639442 }
```

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

```
.background{ background-color:#639442 }
```

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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