

Converting Colors

Hex(639438)

Have a look what the booklet for
Hex(639438) contains.

Hex(639438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(639438)

Conversions

Conversions Part 1

Format	Color
Hex	639438
RGB	99, 148, 56
RGB Percent	39%, 58%, 22%
CMY	0.6118, 0.4196, 0.7804
CMYK	0.33, 0.00, 0.62, 0.42
HSL	92°, 45%, 40%
HSV	92°, 62%, 58%
XYZ	16.4493, 24.1180, 7.5296
YIQ	122.8610, 0.3280, -39.0000

Conversions

Conversions Part 2

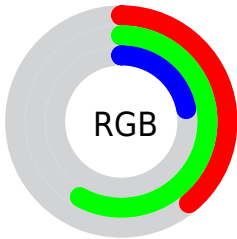
Format	Color
RYB	56, 148, 105
Decimal	6526008
CIELab	56.21, -32.59, 42.40
CIELCh	56, 53.481, 127.550
Yxy	24.1180, 0.3420, 0.5014
Android (android.graphics.Color)	4284716088 (0xFF639438)
YUV	122.8610, -32.9625, -20.9261
Hunter-Lab	49.1101, -26.1544, 25.2866

Details

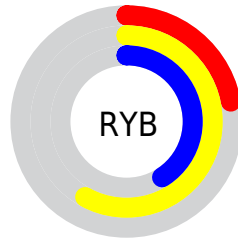
The Hex color **639438** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **693894**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **99CA6B**, and **2F6100** is the 20% darker color. If you saturate the color by 10%, you get **5B9429**, and if you desaturate by 10%, it is **6B9447**.

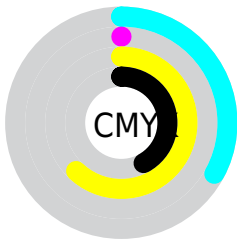
Distribution



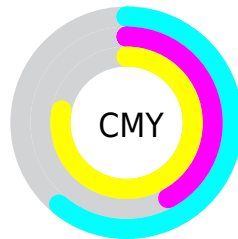
- Red (39%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (41%)



- Cyan (33%)
- Magenta (0%)
- Yellow (62%)
- Black (42%)



- Cyan (61%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 639438 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 639438 by changing the saturation by 10% instead.

 639438

 639438

FFFFFF

 497A1E

 99CA6B

 2F6100

 B4E785

 144900

 D1FFA0

 003200

 EEFFBB

 001E00

 FFFFD7

 000000

 FFFFF4

 639438

 639438

 5B9429

 6B9447

■ 53941A

■ 739456

■ 4B940C

■ 7B9464

■ 459400

■ 839473

■ 8A9482

■ 929491

■ 9A94A0

■ A294AE

■ AA94BD

Harmonies

Analogous

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



948821



639438



009B61

Triad

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



639438



0095DC



DB5B7D

Complementary

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



639438



693894

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.



C863AB



639438



3B88E3

Square

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



639438



009CBE



9875D1



D56550

Rectangle

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



639438



009D81



9875D1



D85C8D

Sweetspot

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



639438



ACBF9B



946838



55614B



E0E0E0



616161

Same Dimension

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



639438



73BF30



38943A



464A43



408A00



050A00

Inverse Universe

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



693894



7C30BF



943892



46434A



49008A



05000A

Previews

White Background



This preview shows how the Hex color 639438 looks on a white background.

Color Contrast Check

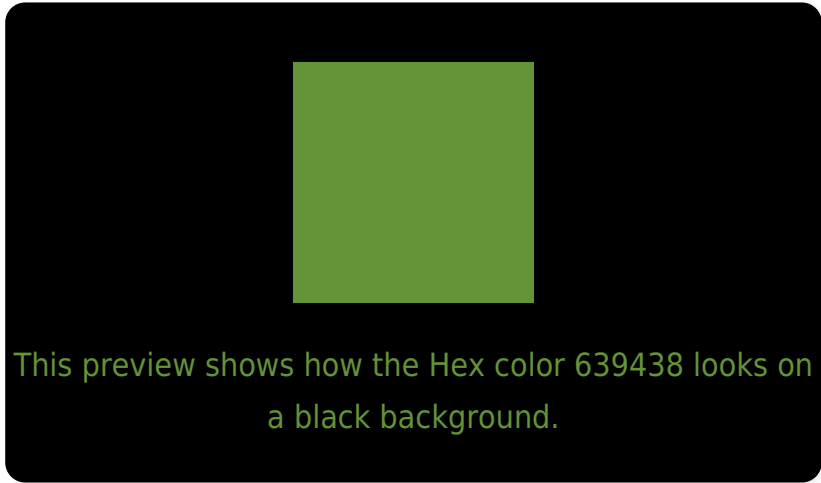
Large Text (above 18pt) WCAG AA ✓ Pass

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 639438 Background



This preview shows how black text looks on a background with the Hex color 639438.



This preview shows how white text looks on a background with the Hex color 639438.

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](#).

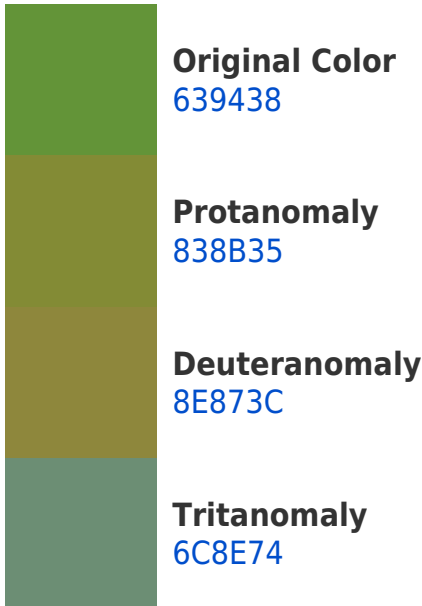
Dichromacy



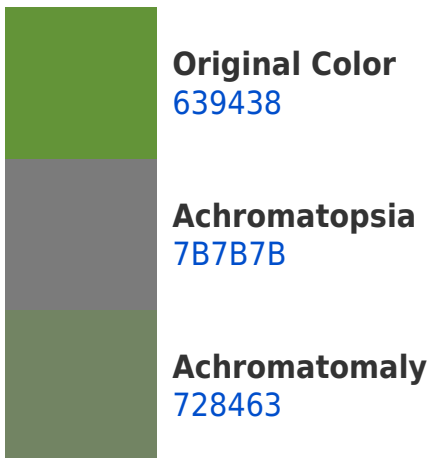


Tritanopia
718B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 639438 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 #639438 looks like.

```
.text, #text, p{  
    color:#639438  
}
```

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 #639438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639438
}
```

Border

The CSS property to change the border of an element to Hex 639438 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
#639438 }
```

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

```
.border{ border-color:#639438 }
```

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

Here you see how a box with a 4 pixel #639438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639438; -webkit-box-shadow:4px 4px  
4px 4px #639438; box-shadow:4px 4px 4px  
4px #639438 }
```

Background

The CSS property to change the background color of an element to Hex 639438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639438 }
```

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

```
.background{ background-color:#639438 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor