

Converting Colors

Hex(638447)

Have a look what the booklet for
Hex(638447) contains.

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Color

Hex(638447)

Conversions

Conversions Part 1

Format	Color
Hex	638447
RGB	99, 132, 71
RGB Percent	39%, 52%, 28%
CMY	0.6118, 0.4824, 0.7216
CMYK	0.25, 0.00, 0.46, 0.48
HSL	92°, 30%, 40%
HSV	92°, 46%, 52%
XYZ	14.5342, 19.6101, 8.9803
YIQ	115.1790, -0.0870, -25.9670

Conversions

Conversions Part 2

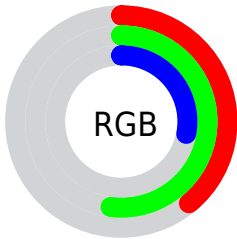
Format	Color
R_{YB}	71, 132, 104
Decimal	6521927
CIE _{Lab}	51.39, -23.11, 29.14
CIE _{LCh}	51, 37.193, 128.424
Yxy	19.6101, 0.3370, 0.4547
Android (android.graphics.Color)	4284712007 (0xFF638447)
YUV	115.1790, -21.7802, -14.1890
Hunter-Lab	44.2833, -18.9104, 18.9747

Details

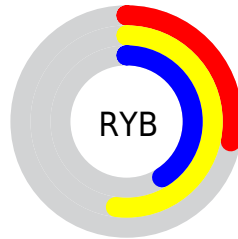
The Hex color **638447** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **684784**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **97B979**, and **325219** is the 20% darker color. If you saturate the color by 10%, you get **5C843A**, and if you desaturate by 10%, it is **6A8454**.

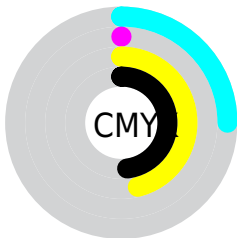
Distribution



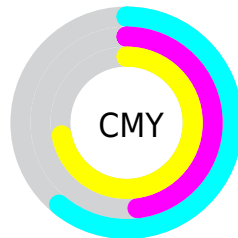
- Red (39%)
- Green (52%)
- Blue (28%)



- Red (28%)
- Yellow (52%)
- Blue (41%)



- Cyan (25%)
- Magenta (0%)
- Yellow (46%)
- Black (48%)



- Cyan (61%)
- Magenta (48%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638447 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 638447 by changing the saturation by 10% instead.



638447



638447

FFFFFF



4A6B30



97B979



325219



B2D593



1B3B00



CEF1AD



012500



EBFFC9



000A00



FFFFE5



000000



638447



638447



5C843A



6A8454



55842D



718461

 4E841F

 78846F

 468412

 80847C

 3F8405

 878489

 3D8400

 8E8496

 9584A3

 9C84B1

 A384BE

Harmonies

Analogous

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



857C3A



638447



378962

Triad

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



638447



0084B5



B66073

Complementary

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



638447



684784

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.



A96493



638447



577BB9

Square

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



638447



0089A1



896FAC



B36655

Rectangle

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



638447



008B78



896FAC



B4607D

Sweetspot

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



638447



9EAB93



846847



4F5748



D6D6D6



575757

Same Dimension

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



638447



78AB4D



478449



3F423C



3C8200



010300

Inverse Universe

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



684784



804DAB



844782



3F3C42



460082



010003

Previews

White Background



This preview shows how the Hex color 638447 looks on a white background.

Color Contrast Check

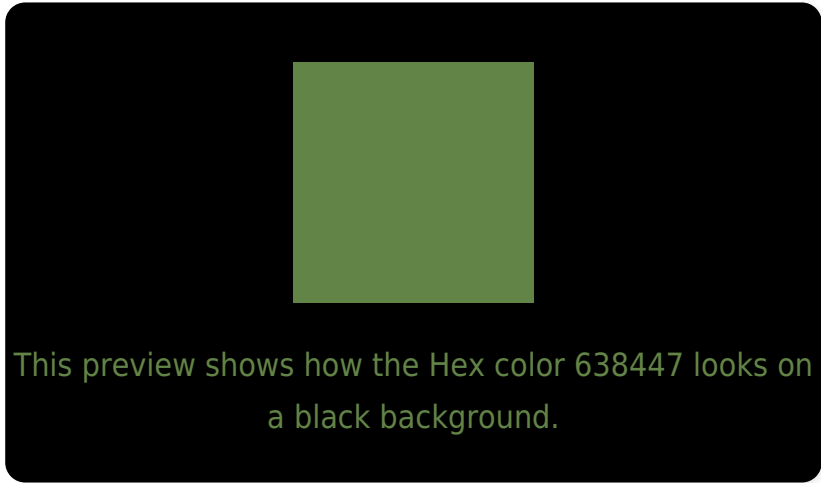
Large Text (above 18pt) WCAG AA ✓ Pass

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

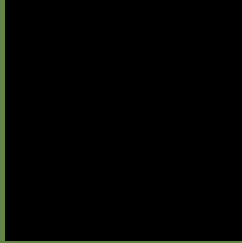
Any Text WCAG AA ✓ Pass

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 638447 Background



This preview shows how black text looks on a background with the Hex color 638447.



This preview shows how white text looks on a background with the Hex color 638447.

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
638447

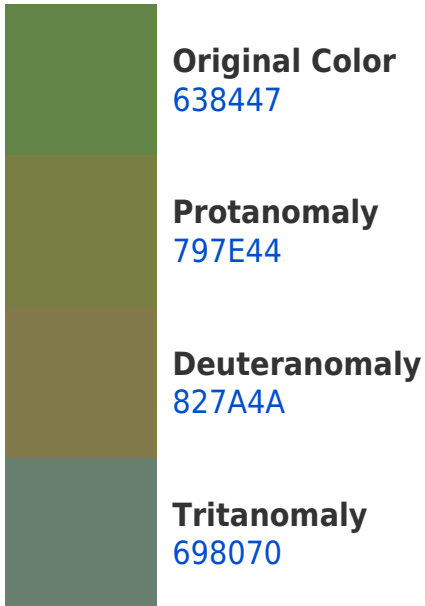
Protanopia
867A43

Deuteranopia
94754B

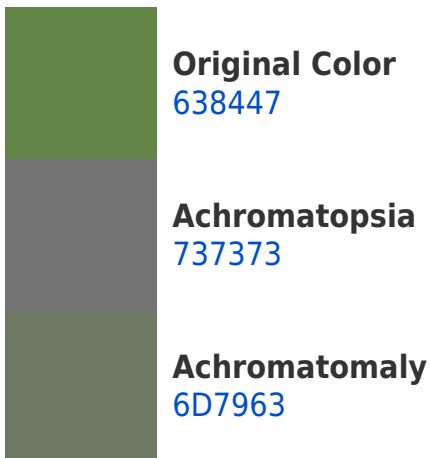


Tritanopia
6C7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638447 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 #638447 looks like.

```
.text, #text, p{  
    color:#638447  
}
```

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 #638447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638447
}
```

Border

The CSS property to change the border of an element to Hex 638447 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
#638447 }
```

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

```
.border{ border-color:#638447 }
```

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

Here you see how a box with a 4 pixel #638447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638447; -webkit-box-shadow:4px 4px  
4px 4px #638447; box-shadow:4px 4px 4px  
4px #638447 }
```

Background

The CSS property to change the background color of an element to Hex 638447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638447 }
```

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

```
.background{ background-color:#638447 }
```

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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