

Converting Colors

Hex(638C42)

Have a look what the booklet for
Hex(638C42) contains.

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Color

Hex(638C42)

Conversions

Conversions Part 1

Format	Color
Hex	638C42
RGB	99, 140, 66
RGB Percent	39%, 55%, 26%
CMY	0.6118, 0.4510, 0.7412
CMYK	0.29, 0.00, 0.53, 0.45
HSL	93°, 36%, 40%
HSV	93°, 53%, 55%
XYZ	15.5070, 21.8022, 8.5452
YIQ	119.3050, -0.6820, -31.7060

Conversions

Conversions Part 2

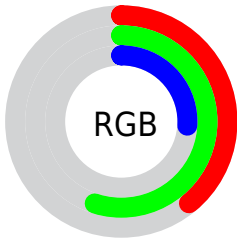
Format	Color
RYB	66, 140, 107
Decimal	6523970
CIELab	53.82, -27.72, 34.74
CIElCh	54, 44.448, 128.584
Yxy	21.8022, 0.3382, 0.4755
Android (android.graphics.Color)	4284714050 (0xFF638C42)
YUV	119.3050, -26.2794, -17.8075
Hunter-Lab	46.6928, -22.4311, 21.8344

Details

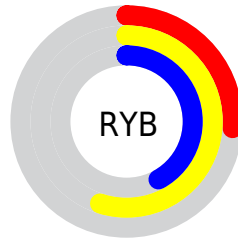
The Hex color **638C42** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6B428C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **98C274**, and **315A12** is the 20% darker color. If you saturate the color by 10%, you get **5B8C34**, and if you desaturate by 10%, it is **6B8C50**.

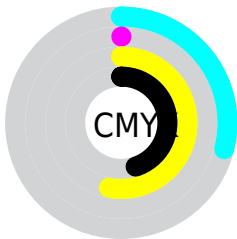
Distribution



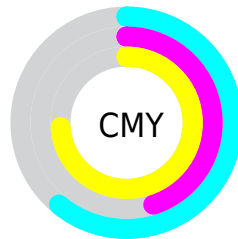
- Red (39%)
- Green (55%)
- Blue (26%)



- Red (26%)
- Yellow (55%)
- Blue (42%)



- Cyan (29%)
- Magenta (0%)
- Yellow (53%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638C42 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 638C42 by changing the saturation by 10% instead.



638C42



638C42

FFFFFF



4A722A



98C274



315A12



B3DE8E



184200



CFFBA9



002B00



ECFFC4



001600



FFFFE1



000000

FFFFFFE



638C42



638C42



5B8C34



6B8C50

■ 538C26

■ 738C5E

■ 4C8C18

■ 7A8C6C

■ 448C0A

■ 828C7A

■ 3E8C00

■ 8A8C88

■ 928C96

■ 998CA4

■ A18CB2

■ A98CC0

Harmonies

Analogous

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



8C8231



638C42



269263

Triad

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



638C42



008CC7



C85F77

Complementary

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



638C42



6B428C

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.



B8649D



638C42



5081CC

Square

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



638C42



0092AF



9272BD



C36753

Rectangle

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



638C42



00947D



9272BD



C55F84

Sweetspot

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



638C42



A5B598



8C6B42



525C4A



DBDBDB



5C5C5C

Same Dimension

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



638C42



76B543



428C46



41453E



3B8500



020500

Inverse Universe

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



6B428C



8243B5



8C4288



423E45



490085



030005

Previews

White Background



This preview shows how the Hex color 638C42 looks on a white background.

Color Contrast Check

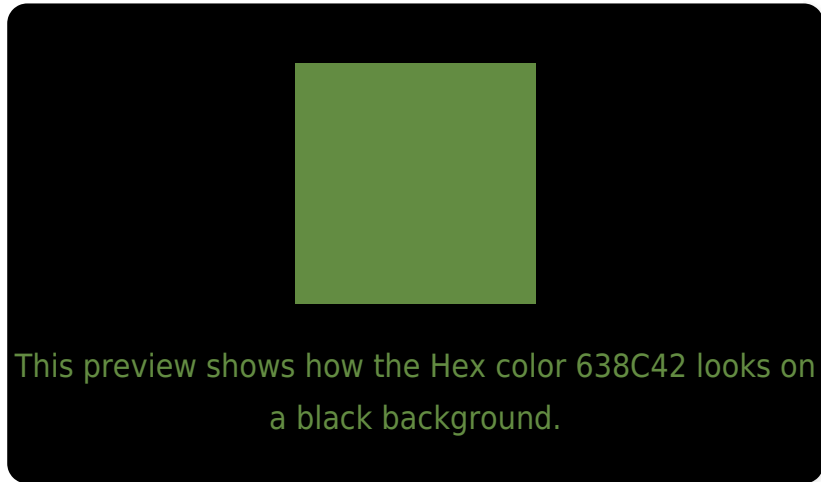
Large Text (above 18pt) WCAG AA ✓ Pass

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 638C42 Background



This preview shows how black text looks on a background with the Hex color 638C42.



This preview shows how white text looks on a background with the Hex color 638C42.

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
638C42

Protanopia
8E803E

Deuteranopia
9D7A47



Tritanopia
6E848E

Trichromacy



Original Color
638C42

Protanomaly
7E843F

Deuteranomaly
888145

Tritanomaly
6A8772

Monochromacy



Original Color
638C42

Achromatopsia
777777

Achromatomaly
707F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 638C42 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 #638C42 looks like.

```
.text, #text, p{  
    color:#638C42  
}
```

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 #638C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638C42
}
```

Border

The CSS property to change the border of an element to Hex 638C42 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
#638C42 }
```

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

```
.border{ border-color:#638C42 }
```

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

Here you see how a box with a 4 pixel #638C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638C42; -webkit-box-shadow:4px 4px  
4px 4px #638C42; box-shadow:4px 4px 4px  
4px #638C42 }
```

Background

The CSS property to change the background color of an element to Hex 638C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638C42 }
```

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

```
.background{ background-color:#638C42 }
```

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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