

# Converting Colors

Hex(638D52)

Have a look what the booklet for  
Hex(638D52) contains.

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# Color

Hex(638D52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	638D52
RGB	99, 141, 82
RGB Percent	39%, 55%, 32%
CMY	0.6118, 0.4471, 0.6784
CMYK	0.30, 0.00, 0.42, 0.45
HSL	103°, 26%, 44%
HSV	103°, 42%, 55%
XYZ	16.1935, 22.3116, 11.4357
YIQ	121.7160, -6.0930, -27.2530

# Conversions

## Conversions Part 2

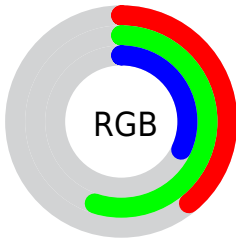
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 141, 124
Decimal	6524242
CIE <sub>Lab</sub>	54.36, -26.07, 26.94
CIE <sub>LCh</sub>	54, 37.492, 134.062
Yxy	22.3116, 0.3243, 0.4468
Android (android.graphics.Color)	4284714322 (0xFF638D52)
YUV	121.7160, -19.5800, -19.9219
Hunter-Lab	47.2352, -21.4670, 18.7104

# Details

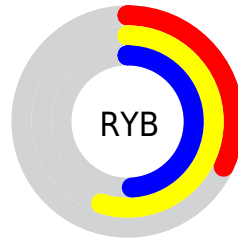
The Hex color **638D52** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C528D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **97C384**, and **325A23** is the 20% darker color. If you saturate the color by 10%, you get **598D44**, and if you desaturate by 10%, it is **6D8D60**.

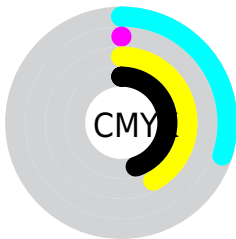
# Distribution



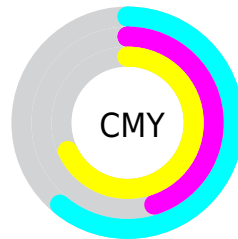
- Red (39%)
- Green (55%)
- Blue (32%)



- Red (32%)
- Yellow (55%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (42%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638D52 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 638D52 by changing the saturation by 10% instead.



 638D52

 638D52

FFFFFF

 4A733A

 97C384

 325A23

 B3DF9F

 19430D

 CEF CBA

 032C00

 EBFFD6

 001800

 FFFFF2

 000000

 638D52

 638D52

 598D44

 6D8D60

 4F8D36

 778D6E

 458D28

 818D7C

 3B8D1A

 8B8D8A

 318D0B

 958D99

 298D00

 9F8DA7

 A98DB5

 B38DC3

 BD8DD1

# Harmonies

## Analogous

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



878541



638D52



34926F

# Triad

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



638D52



1D8AC0



C06874

# Complementary

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



638D52



7C528D

# 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.



B66A95



638D52



6980C1

# Square

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



638D52



0091AE



9874B1



B96F56

# Rectangle

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



638D52



009385



9874B1



BE677F



# Sweetspot

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



638D52



A7B8A0



8D7B52



515C4D



DBDBDB



5C5C5C



# Same Dimension

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



638D52



76B85C



528D5E



424740



278700



020800



# Inverse Universe

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



7C528D



9D5CB8



8D5281



454047



600087



050008



# Previews

## White Background



This preview shows how the Hex color 638D52 looks on a white background.

## Color Contrast Check

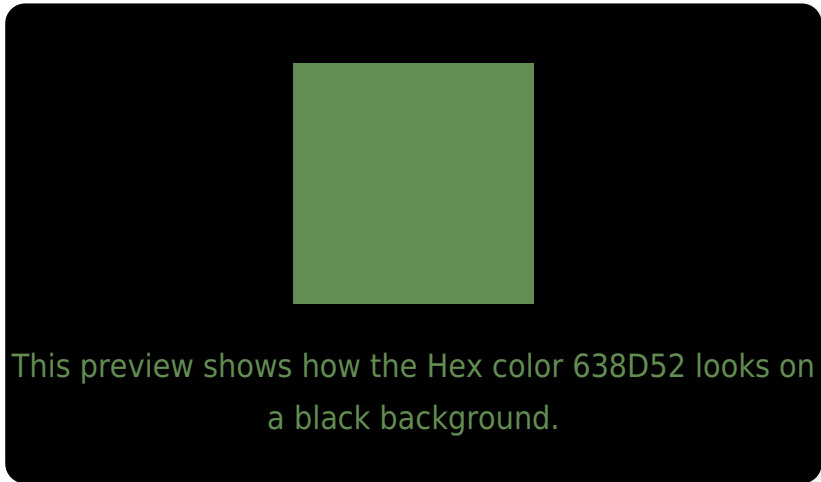
Large Text (above 18pt) WCAG AA ✓ Pass

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

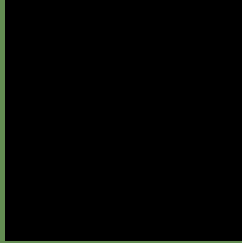
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 638D52 Background



This preview shows how black text looks on a background with the Hex color 638D52.



This preview shows how white text looks on a background with the Hex color 638D52.

# 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**  
638D52

**Protanopia**  
8E824E

**Deuteranopia**  
9B7C56



**Tritanopia**  
6D8690

# Trichromacy



**Original Color**  
638D52

**Protanomaly**  
7E864F

**Deuteranomaly**  
878255

**Tritanomaly**  
698979

# Monochromacy



**Original Color**  
638D52

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
72816B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638D52 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 #638D52 looks like.

```
.text, #text, p{  
    color:#638D52  
}
```

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 #638D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638D52
}
```

## Border

The CSS property to change the border of an element to Hex 638D52 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
#638D52 }
```

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

```
.border{ border-color:#638D52 }
```

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

Here you see how a box with a 4 pixel #638D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638D52; -webkit-box-shadow:4px 4px  
4px 4px #638D52; box-shadow:4px 4px 4px  
4px #638D52 }
```

# Background

The CSS property to change the background color of an element to Hex 638D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638D52 }
```

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

```
.background{ background-color:#638D52 }
```

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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