

Converting Colors

Hex(638A56)

Have a look what the booklet for
Hex(638A56) contains.

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Color

Hex(638A56)

Conversions

Conversions Part 1

Format	Color
Hex	638A56
RGB	99, 138, 86
RGB Percent	39%, 54%, 34%
CMY	0.6118, 0.4588, 0.6627
CMYK	0.28, 0.00, 0.38, 0.46
HSL	105°, 23%, 44%
HSV	105°, 38%, 54%
XYZ	15.9138, 21.5015, 12.1156
YIQ	120.4110, -6.5520, -24.4400

Conversions

Conversions Part 2

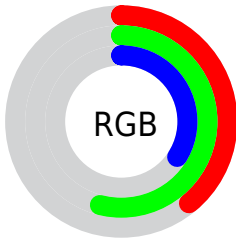
Format	Color
R_{YB}	86, 138, 125
Decimal	6523478
CIE _{Lab}	53.49, -23.96, 23.62
CIE _{LCh}	53, 33.648, 135.411
Yxy	21.5015, 0.3213, 0.4341
Android (android.graphics.Color)	4284713558 (0xFF638A56)
YUV	120.4110, -16.9646, -18.7774
Hunter-Lab	46.3697, -19.8869, 16.9674

Details

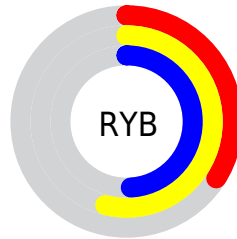
The Hex color **638A56** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D568A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **97C088**, and **325828** is the 20% darker color. If you saturate the color by 10%, you get **598A48**, and if you desaturate by 10%, it is **6D8A64**.

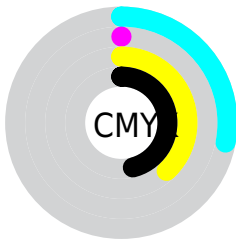
Distribution



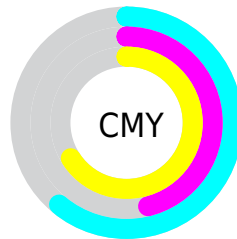
- Red (39%)
- Green (54%)
- Blue (34%)



- Red (34%)
- Yellow (54%)
- Blue (49%)



- Cyan (28%)
- Magenta (0%)
- Yellow (38%)
- Black (46%)



- Cyan (61%)
- Magenta (46%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638A56 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 638A56 by changing the saturation by 10% instead.



638A56



638A56

FFFFFF



4A703E



97C088



325828



B2DCA3



1A4012



CEF8BE



062A00



EAFFDA



001500



FFFFFF6



000000



638A56



638A56



598A48



6D8A64



4E8A3A



788A72

 448A2D

 828A7F


 3A8A1F

 8C8A8D

 2F8A11

 978A9B

 258A03

 A18AA9

 238A00

 AB8AB7

 B68AC4

 C08AD2

Harmonies

Analogous

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



848347



638A56



3C8E70

Triad

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



638A56



3687B7



B86972

Complementary

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



638A56



7D568A

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.



AF6A8F



638A56



6D7EB7

Square

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



638A56



008DA8



9673A9



B16F58

Rectangle

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



638A56



148F84



9673A9



B7697C

Sweetspot

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



638A56



A4B39F



8A7D56



51594E



D9D9D9



595959

Same Dimension

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



638A56



76B362



568A63



40453E



218500



010500

Inverse Universe

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



7D568A



9E62B3



8A567D



433E45



630085



040005

Previews

White Background



This preview shows how the Hex color 638A56 looks on a white background.

Color Contrast Check

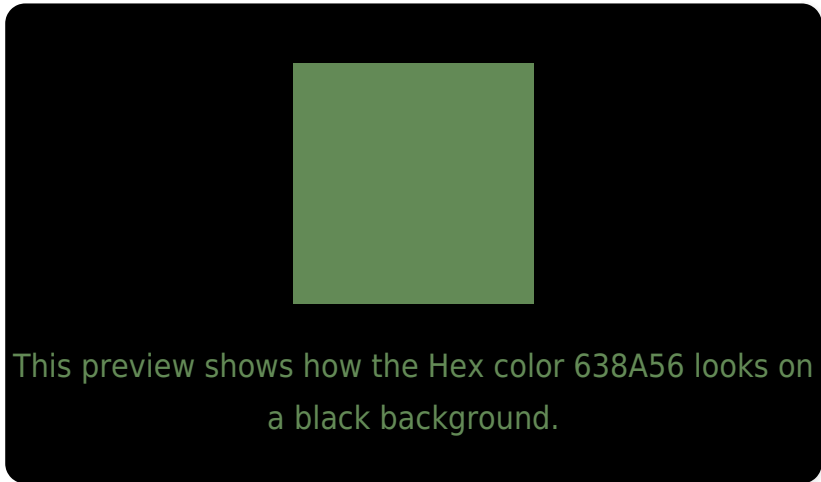
Large Text (above 18pt) WCAG AA ✓ Pass

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

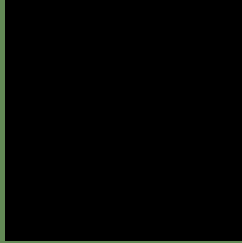
Any Text WCAG AA ✓ Pass

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 638A56 Background



This preview shows how black text looks on a background with the Hex color 638A56.



This preview shows how white text looks on a background with the Hex color 638A56.

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
638A56

Protanopia
8B7F52

Deuteranopia
987A5A

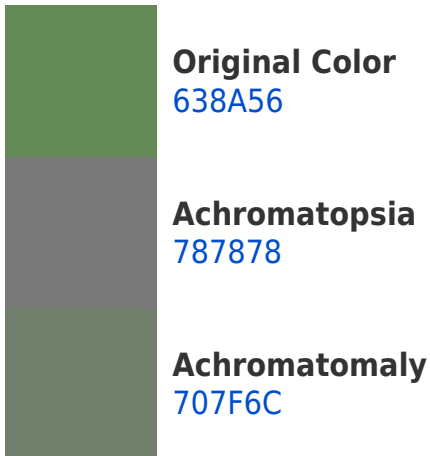


Tritanopia
6C838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638A56 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 #638A56 looks like.

```
.text, #text, p{  
    color:#638A56  
}
```

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 #638A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638A56
}
```

Border

The CSS property to change the border of an element to Hex 638A56 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
#638A56 }
```

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

```
.border{ border-color:#638A56 }
```

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

Here you see how a box with a 4 pixel #638A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638A56; -webkit-box-shadow:4px 4px  
4px 4px #638A56; box-shadow:4px 4px 4px  
4px #638A56 }
```

Background

The CSS property to change the background color of an element to Hex 638A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638A56 }
```

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

```
.background{ background-color:#638A56 }
```

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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