

Converting Colors

Hex(638B58)

Have a look what the booklet for
Hex(638B58) contains.

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Color

Hex(638B58)

Conversions

Conversions Part 1

Format	Color
Hex	638B58
RGB	99, 139, 88
RGB Percent	39%, 55%, 35%
CMY	0.6118, 0.4549, 0.6549
CMYK	0.29, 0.00, 0.37, 0.45
HSL	107°, 22%, 45%
HSV	107°, 37%, 55%
XYZ	16.1397, 21.8225, 12.5940
YIQ	121.2260, -7.4690, -24.3410

Conversions

Conversions Part 2

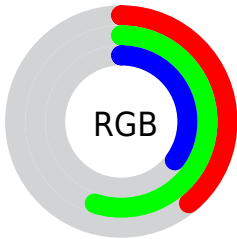
Format	Color
R_{YB}	88, 139, 128
Decimal	6523736
CIE _{Lab}	53.84, -24.15, 22.96
CIE _{LCh}	54, 33.324, 136.439
Yxy	21.8225, 0.3192, 0.4316
Android (android.graphics.Color)	4284713816 (0xFF638B58)
YUV	121.2260, -16.3804, -19.4922
Hunter-Lab	46.7145, -20.0795, 16.7158

Details

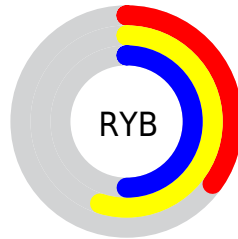
The Hex color **638B58** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **80588B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **97C18A**, and **32592A** is the 20% darker color. If you saturate the color by 10%, you get **588B4A**, and if you desaturate by 10%, it is **6E8B66**.

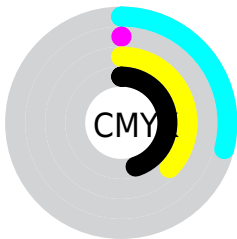
Distribution



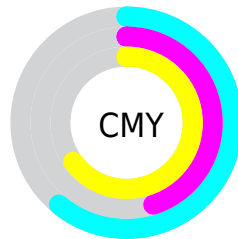
- Red (39%)
- Green (55%)
- Blue (35%)



- Red (35%)
- Yellow (55%)
- Blue (50%)



- Cyan (29%)
- Magenta (0%)
- Yellow (37%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638B58 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 638B58 by changing the saturation by 10% instead.



638B58



638B58

FFFFFF



4A7140



97C18A



32592A



B2DDA5



1A4114



CEF9C0



052A00



EAFFDC



001600



FFFFFF9



000000



638B58



638B58



588B4A



6E8B66



4D8B3C



798B74

 428B2E

 848B82

 378B20

 8F8B90

 2C8B13

 9A8B9E

 228B05

 A48BAB

 1E8B00

 AF8BB9

 BA8BC7

 C58BD5

Harmonies

Analogous

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



838448



638B58



3C8F72

Triad

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



638B58



3B87B8



B86A72

Complementary

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



638B58



80588B

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.



B06B8F



638B58



707EB8

Square

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



638B58



008DA9



9873A8



B17158

Rectangle

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



638B58



179086



9873A8



B76A7B

Sweetspot

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



638B58



A5B5A1



8B8058



525C50



DBDBDB



5C5C5C

Same Dimension

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



638B58



77B565



588B66



3F453E



1D8500



010500

Inverse Universe

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



80588B



A465B5



8B587D



433E45



680085



040005

Previews

White Background



This preview shows how the Hex color 638B58 looks on a white background.

Color Contrast Check

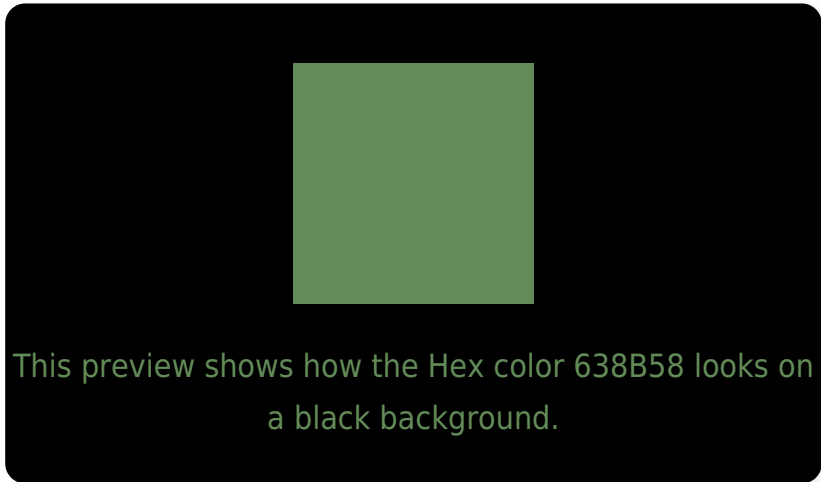
Large Text (above 18pt) WCAG AA ✓ Pass

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 638B58 Background



This preview shows how black text looks on a background with the Hex color 638B58.




This preview shows how white text looks on a background with the Hex color 638B58.

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



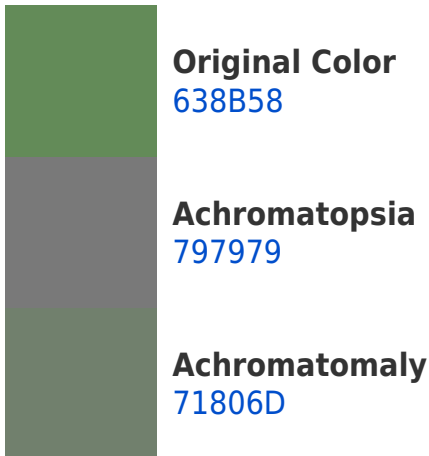


Tritanopia
6C848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638B58 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 #638B58 looks like.

```
.text, #text, p{  
    color:#638B58  
}
```

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 #638B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638B58
}
```

Border

The CSS property to change the border of an element to Hex 638B58 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
#638B58 }
```

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

```
.border{ border-color:#638B58 }
```

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

Here you see how a box with a 4 pixel #638B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638B58; -webkit-box-shadow:4px 4px  
4px 4px #638B58; box-shadow:4px 4px 4px  
4px #638B58 }
```

Background

The CSS property to change the background color of an element to Hex 638B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638B58 }
```

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

```
.background{ background-color:#638B58 }
```

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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