

Converting Colors

Hex(638E70)

Have a look what the booklet for
Hex(638E70) contains.

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Color

Hex(638E70)

Conversions

Conversions Part 1

Format	Color
Hex	638E70
RGB	99, 142, 112
RGB Percent	39%, 56%, 44%
CMY	0.6118, 0.4431, 0.5608
CMYK	0.30, 0.00, 0.21, 0.44
HSL	138°, 18%, 47%
HSV	138°, 30%, 56%
XYZ	17.7432, 23.1685, 18.8660
YIQ	125.7230, -15.9980, -18.4460

Conversions

Conversions Part 2

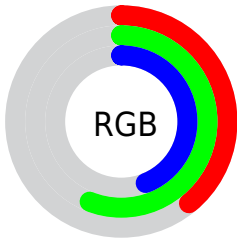
Format	Color
R_{YB}	99, 132, 142
Decimal	6524528
CIE _{Lab}	55.25, -21.33, 11.34
CIE _{LCh}	55, 24.159, 152.009
Yxy	23.1685, 0.2968, 0.3876
Android (android.graphics.Color)	4284714608 (0xFF638E70)
YUV	125.7230, -6.7654, -23.4361
Hunter-Lab	48.1337, -18.4346, 10.4548

Details

The Hex color **638E70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E6381**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **97C4A4**, and **325B40** is the 20% darker color. If you saturate the color by 10%, you get **558E66**, and if you desaturate by 10%, it is **718E7A**.

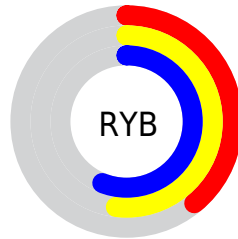
Distribution



Red (39%)

Green (56%)

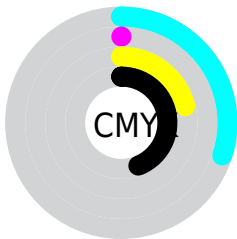
Blue (44%)



Red (39%)

Yellow (52%)

Blue (56%)

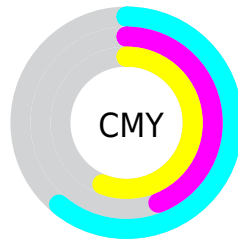


Cyan (30%)

Magenta (0%)

Yellow (21%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638E70 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 638E70 by changing the saturation by 10% instead.

■ 638E70

■ 638E70

FFFFFF

■ 4A7458

■ 97C4A4

■ 325B40

■ B2E0BF

■ 1B442A

■ CEFDDB

■ 022D15

■ EAFFF7

■ 001A00

■ 000000

■ 638E70

■ 638E70

■ 558E66

■ 718E7A

■ 478E5C

■ 7F8E84

 388E52

 8E8E8E

 2A8E48

 9C8E98

 1C8E3E

 AA8EA2

 0E8E35

 B88EAB

 008E2B

 C68EB5

 D58EBF

 E38EC9

Harmonies

Analogous

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



7B8A60



638E70



4D9085

Triad

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



638E70



6B86AE



AD776F

Complementary

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



638E70



8E6381

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.



AD7584



638E70



897EA8

Square

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



638E70



4F8CA9



A07898



A37C60

Rectangle

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



638E70



439093



A07898



AE7576

Sweetspot

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



638E70



A7B8AC



818E63



525C55



DBDBDB



5C5C5C

Same Dimension

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



638E70



76B889



638E85



404742



008729



000802

Inverse Universe

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



8E6381



B876A4



8E636C



474045



87005E



080005

Previews

White Background



This preview shows how the Hex color 638E70 looks on a white background.

Color Contrast Check

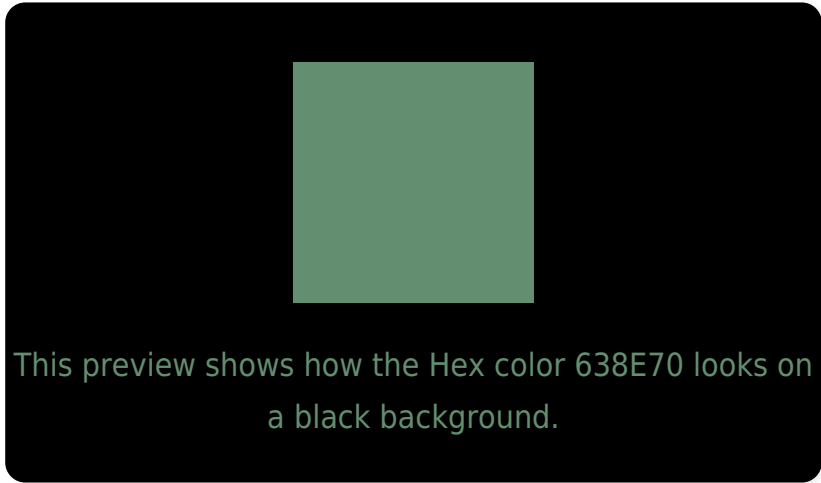
Large Text (above 18pt) WCAG AA ✓ Pass

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

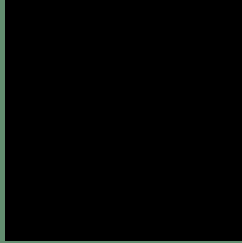
Any Text WCAG AA ✓ Pass

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 638E70 Background



This preview shows how black text looks on a background with the Hex color 638E70.




This preview shows how white text looks on a background with the Hex color 638E70.

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
6A8994

Trichromacy



Original Color
638E70

Protanomaly
7D886D

Deuteranomaly
848472

Tritanomaly
678B87

Monochromacy



Original Color
638E70

Achromatopsia
7E7E7E

Achromatomaly
748479

CSS Examples

Text

The CSS property to change the color of the text to Hex 638E70 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 #638E70 looks like.

```
.text, #text, p{  
    color:#638E70  
}
```

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 #638E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638E70
}
```

Border

The CSS property to change the border of an element to Hex 638E70 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
#638E70 }
```

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

```
.border{ border-color:#638E70 }
```

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

Here you see how a box with a 4 pixel #638E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638E70; -webkit-box-shadow:4px 4px  
4px 4px #638E70; box-shadow:4px 4px 4px  
4px #638E70 }
```

Background

The CSS property to change the background color of an element to Hex 638E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638E70 }
```

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

```
.background{ background-color:#638E70 }
```

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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