

Converting Colors

Hex(638E73)

Have a look what the booklet for
Hex(638E73) contains.

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Color

Hex(638E73)

Conversions

Conversions Part 1

Format	Color
Hex	638E73
RGB	99, 142, 115
RGB Percent	39%, 56%, 45%
CMY	0.6118, 0.4431, 0.5490
CMYK	0.30, 0.00, 0.19, 0.44
HSL	142°, 18%, 47%
HSV	142°, 30%, 56%
XYZ	17.9131, 23.2365, 19.7606
YIQ	126.0650, -16.9610, -17.5130

Conversions

Conversions Part 2

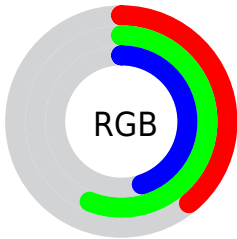
Format	Color
R_{YB}	99, 130, 142
Decimal	6524531
CIE _{Lab}	55.32, -20.72, 9.72
CIE _{LCh}	55, 22.891, 154.865
Yxy	23.2365, 0.2941, 0.3815
Android (android.graphics.Color)	4284714611 (0xFF638E73)
YUV	126.0650, -5.4550, -23.7360
Hunter-Lab	48.2042, -18.0252, 9.4379

Details

The Hex color **638E73** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E637E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **97C4A7**, and **325B43** is the 20% darker color. If you saturate the color by 10%, you get **558E6A**, and if you desaturate by 10%, it is **718E7C**.

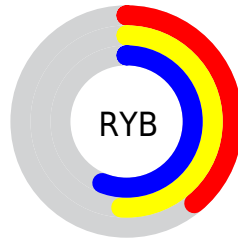
Distribution



Red (39%)

Green (56%)

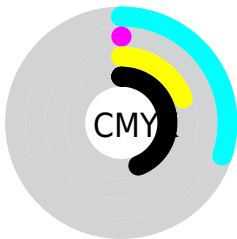
Blue (45%)



Red (39%)

Yellow (51%)

Blue (56%)

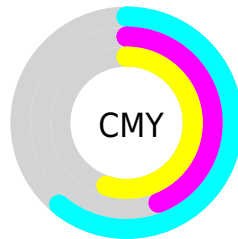


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638E73 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 638E73 by changing the saturation by 10% instead.

638E73

638E73

FFFFFF

4A745A

97C4A7

325B43

B2E0C2

1B442D

CEFDDE

022D18

EAFFFB

001A00

000000

638E73

638E73

558E6A

718E7C

478E61

7F8E85

 388E58

 8E8E8E

 2A8E4F

 9C8E97

 1C8E46

 AA8EA0

 0E8E3E

 B88EA8

 008E35

 C68EB1

 D58EBA

 E38EC3

Harmonies

Analogous

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



7A8A63



638E73



4F9087

Triad

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



638E73



7085AC



AB786F

Complementary

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



638E73



8E637E

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.



AB7682



638E73



8C7EA5

Square

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



638E73



558BA8



A17896



A17E61

Rectangle

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



638E73



488F94



A17896



AC7775

Sweetspot

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



638E73



A7B8AD



7E8E63



525C55



DBDBDB



5C5C5C

Same Dimension

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



638E73



76B88E



638E88



404743



008732



000803

Inverse Universe

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



8E637E



B8769F



8E6369



474045



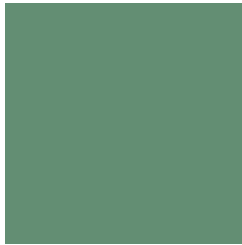
870055



080005

Previews

White Background



This preview shows how the Hex color 638E73 looks on a white background.

Color Contrast Check

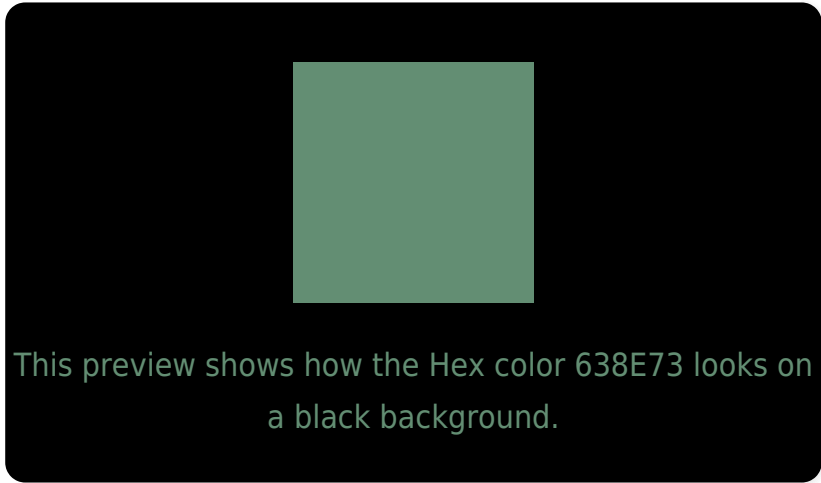
Large Text (above 18pt) WCAG AA ✓ Pass

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

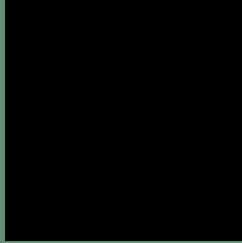
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

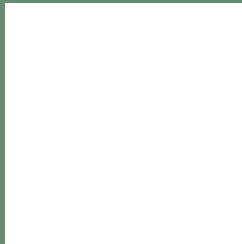
Any Text WCAG AAA × Fail

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

Hex 638E73 Background



This preview shows how black text looks on a background with the Hex color 638E73.




This preview shows how white text looks on a background with the Hex color 638E73.

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
638E73

Protanomaly
7C8870

Deuteranomaly
838475

Tritanomaly
678B88

Monochromacy



Original Color
638E73

Achromatopsia
7E7E7E

Achromatomaly
74847A

CSS Examples

Text

The CSS property to change the color of the text to Hex 638E73 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 #638E73 looks like.

```
.text, #text, p{  
    color:#638E73  
}
```

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 #638E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638E73  
}
```

Border

The CSS property to change the border of an element to Hex 638E73 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  
#638E73 }
```

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

```
.border{ border-color:#638E73 }
```

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

Here you see how a box with a 4 pixel #638E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638E73; -webkit-box-shadow:4px 4px  
4px 4px #638E73; box-shadow:4px 4px 4px  
4px #638E73 }
```

Background

The CSS property to change the background color of an element to Hex 638E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638E73 }
```

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

```
.background{ background-color:#638E73 }
```

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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