

Converting Colors

Hex(638943)

Have a look what the booklet for
Hex(638943) contains.

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Color

Hex(638943)

Conversions

Conversions Part 1

Format	Color
Hex	638943
RGB	99, 137, 67
RGB Percent	39%, 54%, 26%
CMY	0.6118, 0.4627, 0.7373
CMYK	0.28, 0.00, 0.51, 0.46
HSL	93°, 34%, 40%
HSV	93°, 51%, 54%
XYZ	15.1044, 20.9492, 8.5577
YIQ	117.6580, -0.1780, -29.8260

Conversions

Conversions Part 2

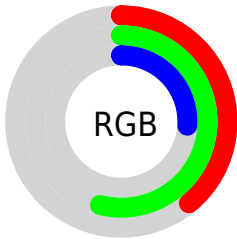
Format	Color
RYB	67, 137, 105
Decimal	6523203
CIELab	52.89, -26.13, 33.11
CIELCh	53, 42.181, 128.278
Yxy	20.9492, 0.3386, 0.4696
Android (android.graphics.Color)	4284713283 (0xFF638943)
YUV	117.6580, -24.9744, -16.3631
Hunter-Lab	45.7703, -21.1924, 20.9537

Details

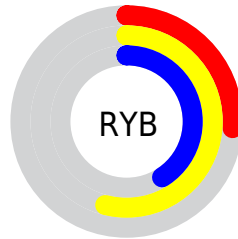
The Hex color **638943** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **694389**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **98BF75**, and **315713** is the 20% darker color. If you saturate the color by 10%, you get **5C8935**, and if you desaturate by 10%, it is **6A8951**.

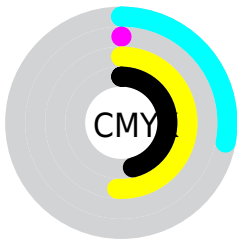
Distribution



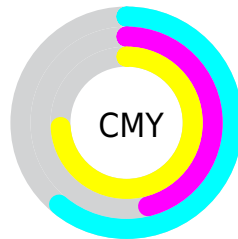
- Red (39%)
- Green (54%)
- Blue (26%)



- Red (26%)
- Yellow (54%)
- Blue (41%)



- Cyan (28%)
- Magenta (0%)
- Yellow (51%)
- Black (46%)



- Cyan (61%)
- Magenta (46%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638943 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 638943 by changing the saturation by 10% instead.



638943



638943

FFFFFF



4A6F2B



98BF75



315713



B3DB8F



193F00



CFF7AA



002900



ECFFC5



001200



FFFFE1



000000

FFFFFFE



638943



638943



5C8935



6A8951

■ 548928

■ 72895E

■ 4D891A

■ 79896C

■ 45890C

■ 81897A

■ 3F8900

■ 888988

■ 908995

■ 9789A3

■ 9E89B1

■ A689BE

Harmonies

Analogous

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



8A8033



638943



2C8F62

Triad

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



638943



0089C1



C25F76

Complementary

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



638943



694389

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.



B3649A



638943



517FC6

Square

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



638943



008FAA



8E71B7



BD6653

Rectangle

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



638943



00907B



8E71B7



BF5F82

Sweetspot

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



638943



A4B398



896843



515949



D9D9D9



595959

Same Dimension

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



638943



77B346



438945



41453E



3D8500



020500

Inverse Universe

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



694389



8146B3



894387



423E45



480085



030005

Previews

White Background



This preview shows how the Hex color 638943 looks on a white background.

Color Contrast Check

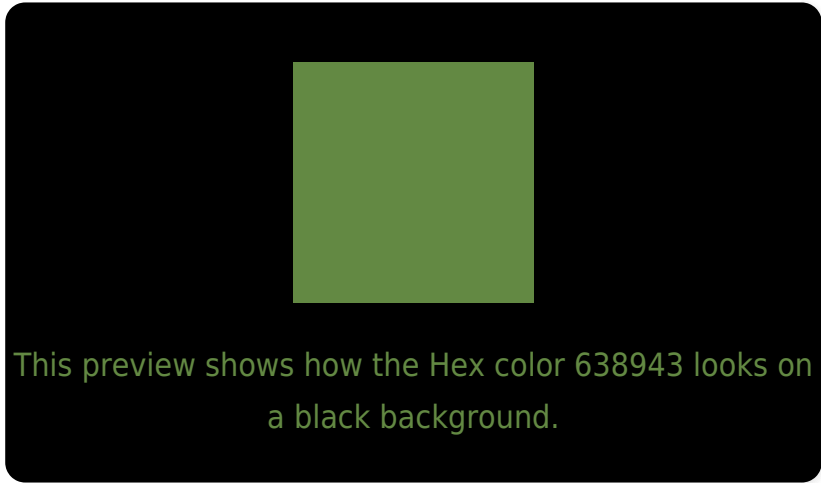
Large Text (above 18pt) WCAG AA ✓ Pass

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 638943 Background



This preview shows how black text looks on a background with the Hex color 638943.



This preview shows how white text looks on a background with the Hex color 638943.

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
6E818B

Trichromacy



Original Color
638943

Protanomaly
7C8240

Deuteranomaly
857E46

Tritanomaly
6A8471

Monochromacy



Original Color
638943

Achromatopsia
767676

Achromatomaly
6F7D63

CSS Examples

Text

The CSS property to change the color of the text to Hex 638943 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 #638943 looks like.

```
.text, #text, p{  
    color:#638943  
}
```

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 #638943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638943
}
```

Border

The CSS property to change the border of an element to Hex 638943 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
#638943 }
```

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

```
.border{ border-color:#638943 }
```

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

Here you see how a box with a 4 pixel #638943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638943; -webkit-box-shadow:4px 4px  
4px 4px #638943; box-shadow:4px 4px 4px  
4px #638943 }
```

Background

The CSS property to change the background color of an element to Hex 638943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638943 }
```

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

```
.background{ background-color:#638943 }
```

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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