

Converting Colors

Hex(639588)

Have a look what the booklet for
Hex(639588) contains.

Hex(639588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(639588)

Conversions

Conversions Part 1

Format	Color
Hex	639588
RGB	99, 149, 136
RGB Percent	39%, 58%, 53%
CMY	0.6118, 0.4157, 0.4667
CMYK	0.34, 0.00, 0.09, 0.42
HSL	164°, 20%, 49%
HSV	164°, 34%, 58%
XYZ	20.3370, 25.9251, 27.2247
YIQ	132.5680, -25.6270, -14.6430

Conversions

Conversions Part 2

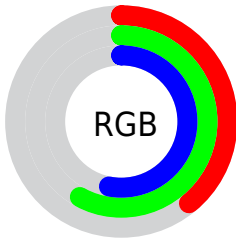
Format	Color
R _Y B	99, 128, 149
Decimal	6526344
CIE Lab	57.97, -19.76, 1.53
CIE LCh	58, 19.822, 175.575
Yxy	25.9251, 0.2767, 0.3528
Android (android.graphics.Color)	4284716424 (0xFF639588)
YUV	132.5680, 1.6920, -29.4391
Hunter-Lab	50.9167, -17.8084, 3.9398

Details

The Hex color **639588** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **956370**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **97CBBD**, and **316256** is the 20% darker color. If you saturate the color by 10%, you get **549584**, and if you desaturate by 10%, it is **72958C**.

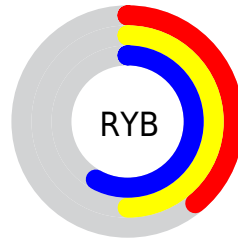
Distribution



Red (39%)

Green (58%)

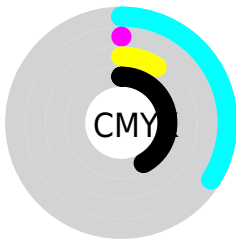
Blue (53%)



Red (39%)

Yellow (50%)

Blue (58%)

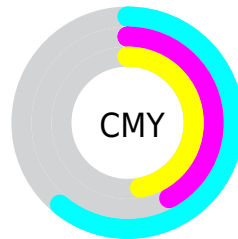


Cyan (34%)

Magenta (0%)

Yellow (9%)

Black (42%)



Cyan (61%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 639588 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 639588 by changing the saturation by 10% instead.



639588



639588

FFFFFF



4A7B6F



97CBBD



316256



B3E8D9



184A3F



CFFFF5



003329



EBFFFF



001F15



000000



639588



639588



549584



72958C



459580



819590

 36957C

 909594

 279579

 9F9597

 189575

 AE959B

 0A9571

 BC959F

 00956E

 CB95A3

 DA95A7

 E995AB

Harmonies

Analogous

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



759377



639588



5A959A

Triad

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



639588



8B88AA



A8846F

Complementary

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



639588



956370

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.



AF807D



639588



9F829F

Square

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



639588



738EAD



AC7F8F



9B8969

Rectangle

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



639588



5C93A3



AC7F8F



AC8273

Sweetspot

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



639588



AEC2BD



709563



55615E



E0E0E0



616161

Same Dimension

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



639588



74C2AE



638995



434A48



008A66



000A08

Inverse Universe

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



956370



C27488



956F63



4A4344



8A0024



0A0003

Previews

White Background



This preview shows how the Hex color 639588 looks on a white background.

Color Contrast Check

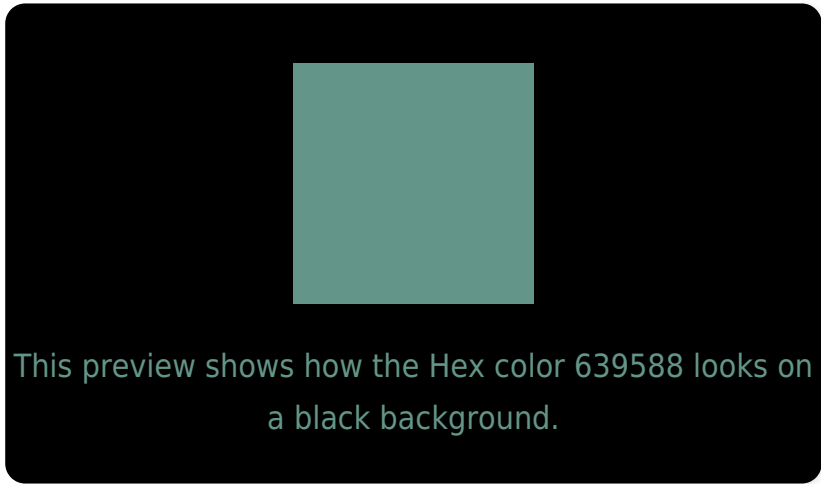
Large Text (above 18pt) WCAG AA ✓ Pass

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

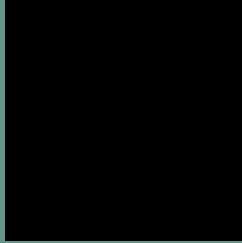
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

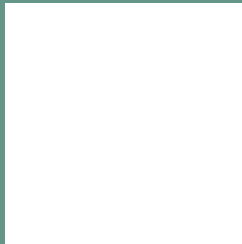
Any Text WCAG AAA × Fail

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

Hex 639588 Background



This preview shows how black text looks on a background with the Hex color 639588.

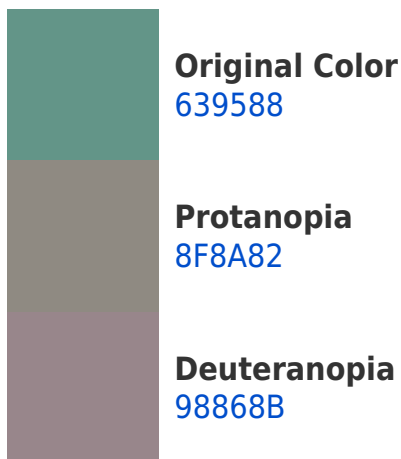


This preview shows how white text looks on a background with the Hex color 639588.

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](#).

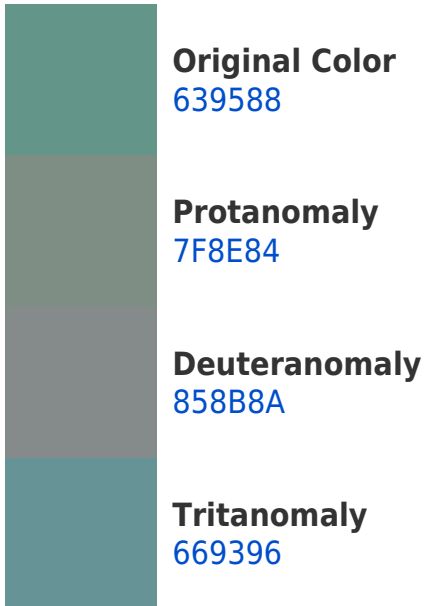
Dichromacy





Tritanopia
68929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 639588 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 #639588 looks like.

```
.text, #text, p{  
    color:#639588  
}
```

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 #639588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639588
}
```

Border

The CSS property to change the border of an element to Hex 639588 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
#639588 }
```

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

```
.border{ border-color:#639588 }
```

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

Here you see how a box with a 4 pixel #639588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639588; -webkit-box-shadow:4px 4px  
4px 4px #639588; box-shadow:4px 4px 4px  
4px #639588 }
```

Background

The CSS property to change the background color of an element to Hex 639588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639588 }
```

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

```
.background{ background-color:#639588 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor