

Converting Colors

Hex(638D9B)

Have a look what the booklet for
Hex(638D9B) contains.

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Color

Hex(638D9B)

Conversions

Conversions Part 1

Format	Color
Hex	638D9B
RGB	99, 141, 155
RGB Percent	39%, 55%, 61%
CMY	0.6118, 0.4471, 0.3922
CMYK	0.36, 0.09, 0.00, 0.39
HSL	195°, 22%, 50%
HSV	195°, 36%, 61%
XYZ	20.5869, 24.0690, 34.5711
YIQ	130.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

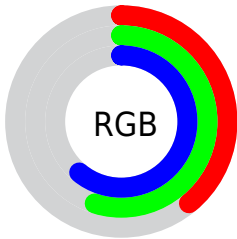
Format	Color
R_{YB}	99, 123, 155
Decimal	6524315
CIE _{Lab}	56.16, -10.74, -12.03
CIE _{LCh}	56, 16.132, 228.239
Yxy	24.0690, 0.2598, 0.3038
Android (android.graphics.Color)	4284714395 (0xFF638D9B)
YUV	130.0380, 12.3063, -27.2203
Hunter-Lab	49.0601, -10.9521, -7.4376

Details

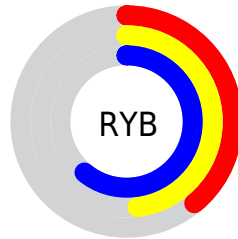
The Hex color **638D9B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B7163**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **98C3D1**, and **305B68** is the 20% darker color. If you saturate the color by 10%, you get **54899B**, and if you desaturate by 10%, it is **73919B**.

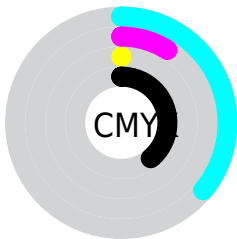
Distribution



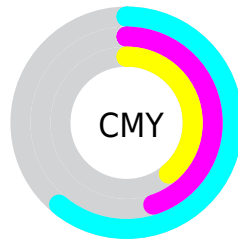
- Red (39%)
- Green (55%)
- Blue (61%)



- Red (39%)
- Yellow (48%)
- Blue (61%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (39%)



- Cyan (61%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638D9B 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 638D9B by changing the saturation by 10% instead.

638D9B

638D9B

FFFFFF

4A7381

98C3D1

305B68

B3DFEE

164350

CFFBFF

002D39

ECFFFF

001923

00010D

000000

638D9B

638D9B

54899B

73919B

44859B

82959B

35819B

92999B

257E9B

A19D9B

167A9B

B1A09B

06769B

C0A49B

00749B

D0A89B

DFAC9B

EFB09B

Harmonies

Analogous

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



618F8F



638D9B



708AA2

Triad

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



638D9B



9F7D8D



88886C

Complementary

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



638D9B



9B7163

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.



97846B



638D9B



A47D7E

Square

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



638D9B



938099



A18072



788C74

Rectangle

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



638D9B



7C87A2



A18072



8D876B

Sweetspot

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



638D9B



B3C4C9



639B71



596366



E6E6E6



666666

Same Dimension

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



638D9B



73B4C9



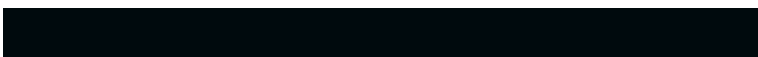
63729B



454B4D



00698C



000A0D

Inverse Universe

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



9B638D



C973B4



9B8D63



4D454B



8C0069



0D000A

Previews

White Background



This preview shows how the Hex color 638D9B looks on a white background.

Color Contrast Check

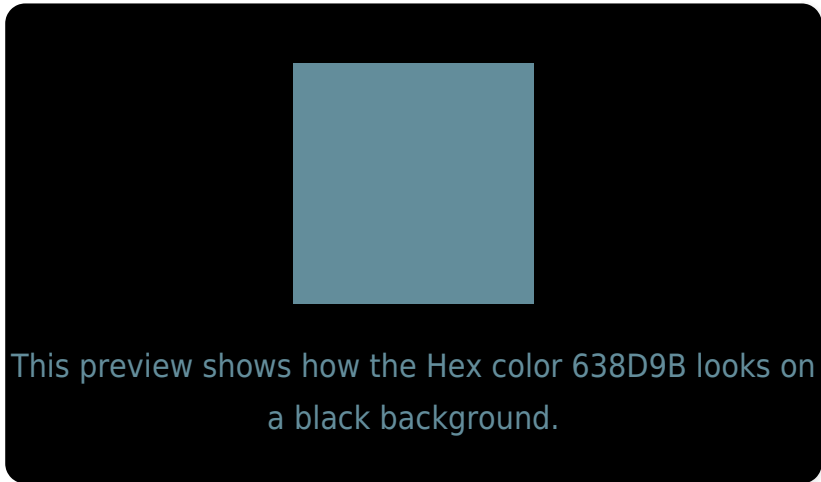
Large Text (above 18pt) WCAG AA ✓ Pass

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

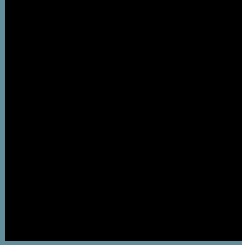
Any Text WCAG AA ✓ Pass

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 638D9B Background



This preview shows how black text looks on a background with the Hex color 638D9B.

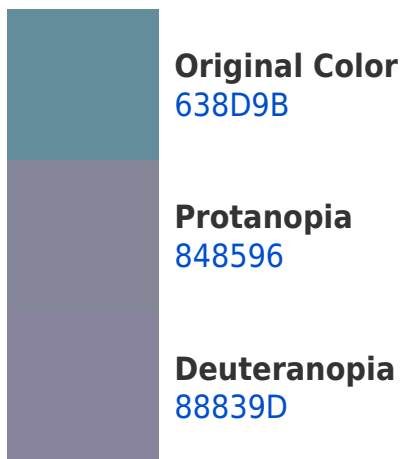


This preview shows how white text looks on a background with the Hex color 638D9B.

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
628D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638D9B 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 #638D9B looks like.

```
.text, #text, p{  
    color:#638D9B  
}
```

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 #638D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638D9B
}
```

Border

The CSS property to change the border of an element to Hex 638D9B 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
#638D9B }
```

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

```
.border{ border-color:#638D9B }
```

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

Here you see how a box with a 4 pixel #638D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638D9B; -webkit-box-shadow:4px 4px  
4px 4px #638D9B; box-shadow:4px 4px 4px  
4px #638D9B }
```

Background

The CSS property to change the background color of an element to Hex 638D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638D9B }
```

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

```
.background{ background-color:#638D9B }
```

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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