

# Converting Colors

Hex(629B8A)

Have a look what the booklet for  
Hex(629B8A) contains.

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# Color

Hex(629B8A)

# Conversions

## Conversions Part 1

Format	Color
Hex	629B8A
RGB	98, 155, 138
RGB Percent	38%, 61%, 54%
CMY	0.6157, 0.3922, 0.4588
CMYK	0.37, 0.00, 0.11, 0.39
HSL	162°, 23%, 50%
HSV	162°, 37%, 61%
XYZ	21.3458, 27.8743, 28.3000
YIQ	136.0190, -28.5150, -17.3710

# Conversions

## Conversions Part 2

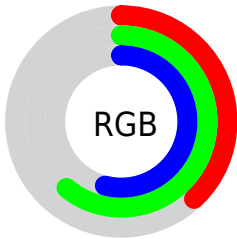
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 131, 155
Decimal	6462346
CIE <sub>Lab</sub>	59.78, -22.70, 3.01
CIE <sub>LCh</sub>	60, 22.894, 172.443
Yxy	27.8743, 0.2754, 0.3596
Android (android.graphics.Color)	4284652426 (0xFF629B8A)
YUV	136.0190, 0.9766, -33.3427
Hunter-Lab	52.7962, -20.2247, 5.1765

# Details

The Hex color **629B8A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B6273**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **97D2BF**, and **2F6858** is the 20% darker color. If you saturate the color by 10%, you get **539B85**, and if you desaturate by 10%, it is **729B8F**.

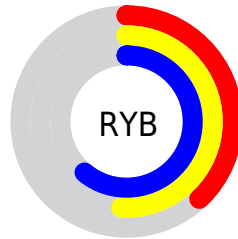
# Distribution



Red (38%)

Green (61%)

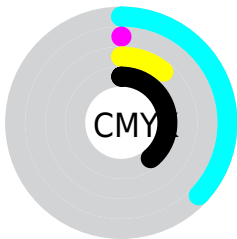
Blue (54%)



Red (38%)

Yellow (51%)

Blue (61%)

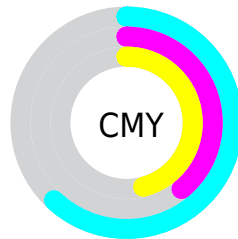


Cyan (37%)

Magenta (0%)

Yellow (11%)

Black (39%)



Cyan (62%)

Magenta (39%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 629B8A 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 629B8A by changing the saturation by 10% instead.



 629B8A

 629B8A

FFFFFF

 488171

 97D2BF

 2F6858

 B2EEDB

 144F41

 CEFFF8

 00382B

 EBFFFF

 002216

 000000

 629B8A

 629B8A

 539B85

 729B8F

 439B81

 819B93

 349B7C

 919B98

 249B78

 A09B9C

 159B73

 B09BA1

 059B6E

 BF9BA6

 009B6D

 CF9BAA

 DE9BAF

 EE9BB4

# Harmonies

## Analogous

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



789877



629B8A



559B9F

# Triad

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



629B8A



8C8DB5



B38671

# Complementary

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



629B8A



9B6273

# 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.



B98282



629B8A



A586A9

# Square

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



629B8A



7093B7



B58296



A38D68

# Rectangle

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



629B8A



569AAA



B58296



B68576



# Sweetspot

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



629B8A



B3C9C3



739B62



596662



E6E6E6



666666



# Same Dimension

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



629B8A



71C9AF



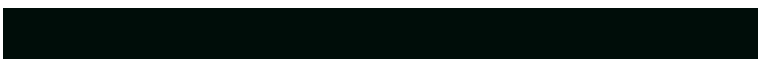
62909B



454D4A



008C62



000D09



# Inverse Universe

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



9B6273



C9718B



9B6D62



4D4547



8C002A



0D0004



# Previews

## White Background



This preview shows how the Hex color 629B8A looks on a white background.

## Color Contrast Check

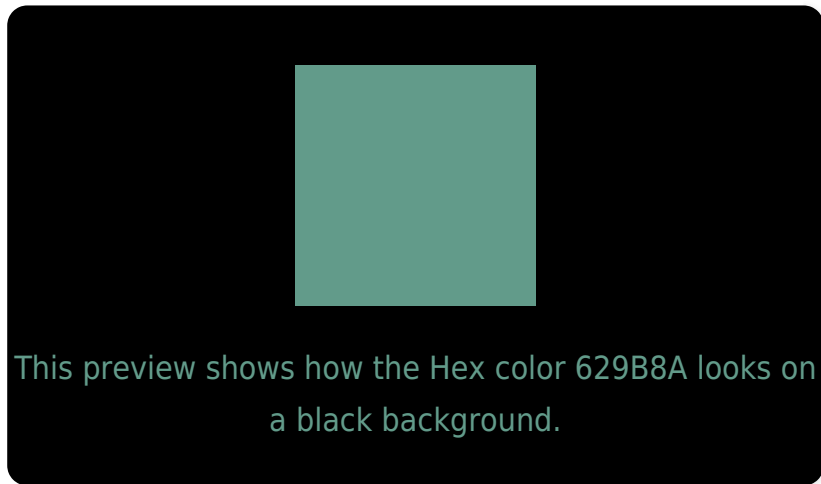
Large Text (above 18pt) WCAG AA ✓ Pass

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

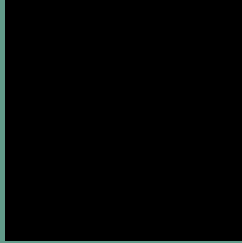
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 629B8A Background



This preview shows how black text looks on a background with the Hex color 629B8A.

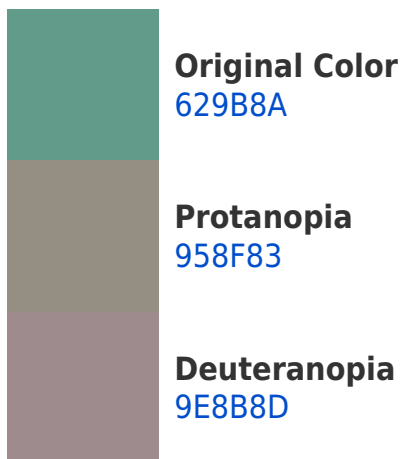


This preview shows how white text looks on a background with the Hex color 629B8A.

# 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



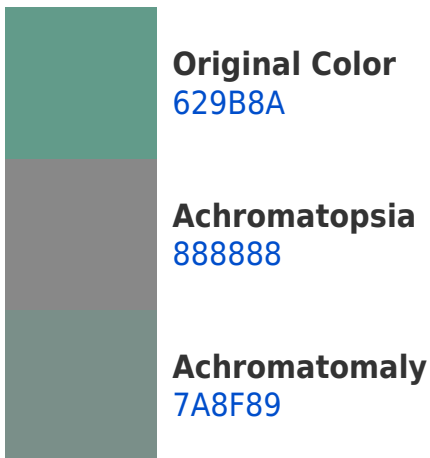


**Tritanopia**  
6897A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 629B8A 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 #629B8A looks like.

```
.text, #text, p{  
    color:#629B8A  
}
```

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 #629B8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629B8A
}
```

## Border

The CSS property to change the border of an element to Hex 629B8A 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
#629B8A }
```

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

```
.border{ border-color:#629B8A }
```

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

Here you see how a box with a 4 pixel #629B8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629B8A; -webkit-box-shadow:4px 4px  
4px 4px #629B8A; box-shadow:4px 4px 4px  
4px #629B8A }
```

# Background

The CSS property to change the background color of an element to Hex 629B8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629B8A }
```

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

```
.background{ background-color:#629B8A }
```

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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