

# Converting Colors

Hex(629BA7)

Have a look what the booklet for  
Hex(629BA7) contains.

<b>Hex(629BA7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(629BA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	629BA7
RGB	98, 155, 167
RGB Percent	38%, 61%, 65%
CMY	0.6157, 0.3922, 0.3451
CMYK	0.41, 0.07, 0.00, 0.35
HSL	190°, 28%, 52%
HSV	190°, 41%, 65%
XYZ	23.7334, 28.8294, 40.8730
YIQ	139.3250, -37.8240, -8.3520

# Conversions

## Conversions Part 2

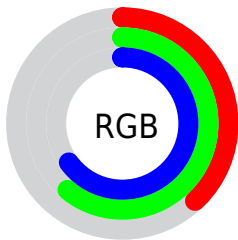
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 129, 167
Decimal	6462375
CIE <sub>Lab</sub>	60.63, -15.45, -12.15
CIE <sub>LCh</sub>	61, 19.657, 218.187
Yxy	28.8294, 0.2540, 0.3085
Android (android.graphics.Color)	4284652455 (0xFF629BA7)
YUV	139.3250, 13.6438, -36.2420
Hunter-Lab	53.6930, -15.0621, -7.5485

# Details

The Hex color **629BA7** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A76E62**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **98D2DE**, and **2D6873** is the 20% darker color. If you saturate the color by 10%, you get **5198A7**, and if you desaturate by 10%, it is **739EA7**.

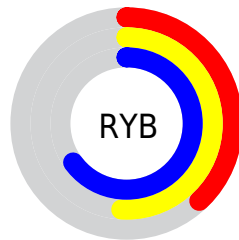
# Distribution



Red (38%)

Green (61%)

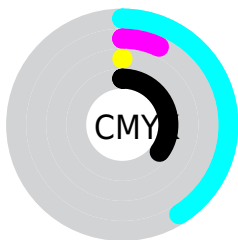
Blue (65%)



Red (38%)

Yellow (51%)

Blue (65%)

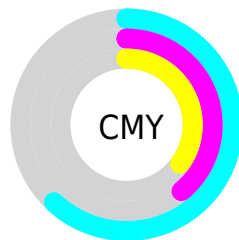


Cyan (41%)

Magenta (7%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (39%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 629BA7 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 629BA7 by changing the saturation by 10% instead.



■ 629BA7

■ 629BA7

FFFFFF

■ 48818D

■ 98D2DE

■ 2D6873

■ B4EEFB

■ 0C505B

■ D0FFFF

■ 003843

■ EDFFFF

■ 00232D

■ 000619

■ 000000

■ 629BA7

■ 629BA7

■ 5198A7

■ 739EA7

4195A7

83A1A7

3092A7

94A4A7

1F8FA7

A5A7A7

0E8CA7

B5AAA7

008AA7

C6ACA7

D7AFA7

E8B2A7

F8B5A7

# Harmonies

## Analogous

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



659C97



629BA7



6E97B2

# Triad

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



629BA7



AD879F



9A9370

# Complementary

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



629BA7



A76E62

# 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.



AB8D73



629BA7



B5868E

# Square

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



629BA7



9B8CAD



B4887E



879877

# Rectangle

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



629BA7



7C94B5



B4887E



A09170



# Sweetspot

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



629BA7



BFD4D9



62A76D



5E6B6E



EDEDED



6E6E6E



# Same Dimension

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



629BA7



6CC6D9



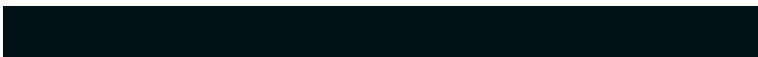
6279A7



4C5354



007A94



001114



# Inverse Universe

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



A7629B



D96CC6



A79062



544C53



94007A

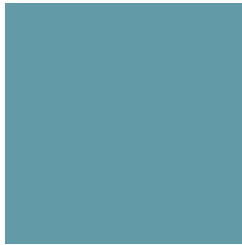


140011



# Previews

## White Background



This preview shows how the Hex color 629BA7 looks on a white background.

## Color Contrast Check

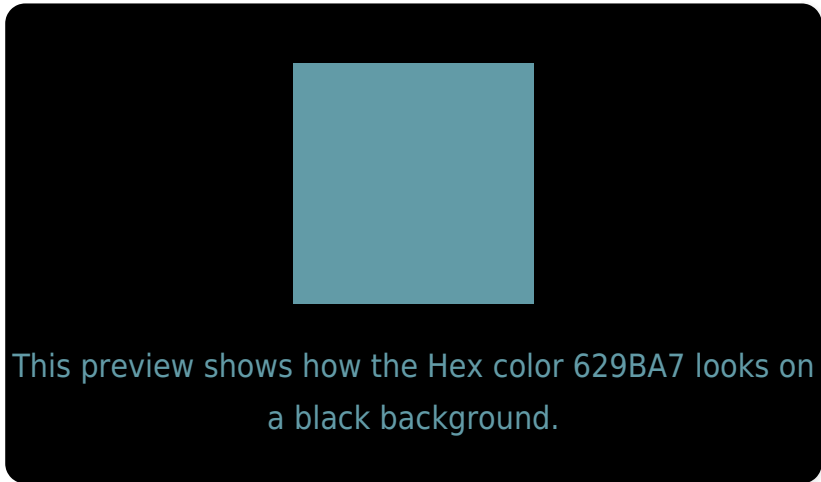
Large Text (above 18pt) WCAG AA ✓ Pass

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

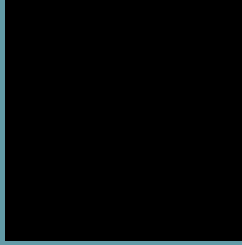
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

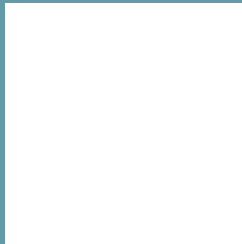
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 629BA7 Background



This preview shows how black text looks on a background with the Hex color 629BA7.

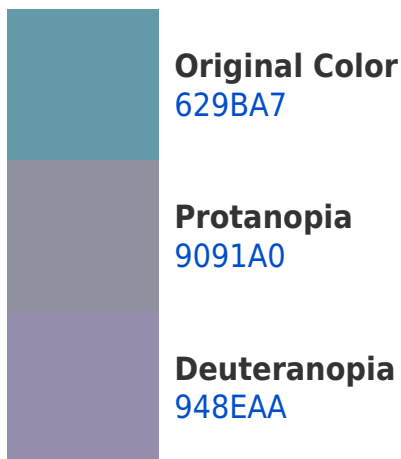


This preview shows how white text looks on a background with the Hex color 629BA7.

# 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](#).

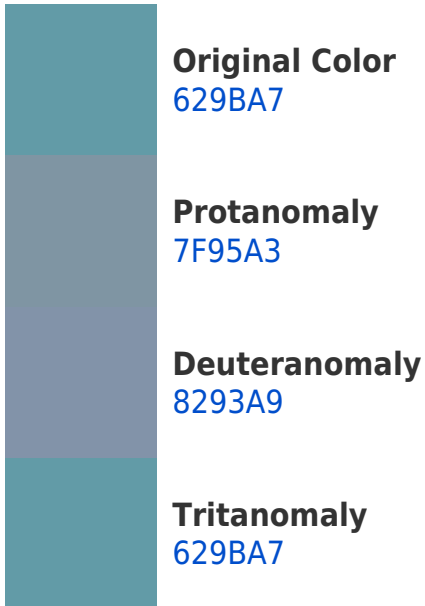
## Dichromacy



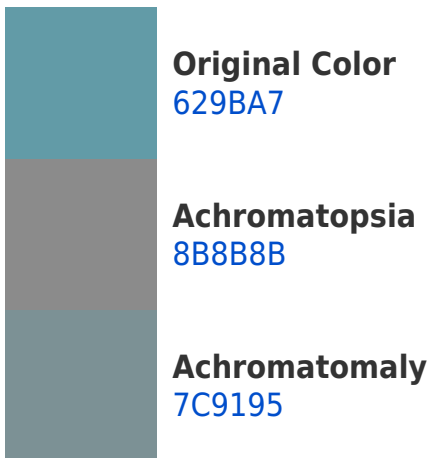


**Tritanopia**  
629BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 629BA7 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 #629BA7 looks like.

```
.text, #text, p{  
    color:#629BA7  
}
```

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 #629BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629BA7
}
```

## Border

The CSS property to change the border of an element to Hex 629BA7 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
#629BA7 }
```

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

```
.border{ border-color:#629BA7 }
```

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

Here you see how a box with a 4 pixel #629BA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629BA7; -webkit-box-shadow:4px 4px  
4px 4px #629BA7; box-shadow:4px 4px 4px  
4px #629BA7 }
```

# Background

The CSS property to change the background color of an element to Hex 629BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629BA7 }
```

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

```
.background{ background-color:#629BA7 }
```

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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