

Converting Colors

Hex(629AA3)

Have a look what the booklet for
Hex(629AA3) contains.

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Color

Hex(629AA3)

Conversions

Conversions Part 1

Format	Color
Hex	629AA3
RGB	98, 154, 163
RGB Percent	38%, 60%, 64%
CMY	0.6157, 0.3961, 0.3608
CMYK	0.40, 0.06, 0.00, 0.36
HSL	188°, 26%, 51%
HSV	188°, 40%, 64%
XYZ	23.2035, 28.3522, 38.8999
YIQ	138.2820, -36.2650, -9.0730

Conversions

Conversions Part 2

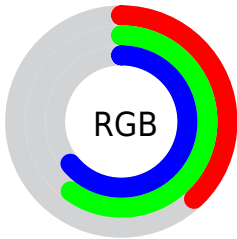
Format	Color
R_{YB}	98, 128, 163
Decimal	6462115
CIE _{Lab}	60.21, -15.98, -10.53
CIE _{LCh}	60, 19.134, 213.373
Yxy	28.3522, 0.2565, 0.3134
Android (android.graphics.Color)	4284652195 (0xFF629AA3)
YUV	138.2820, 12.1860, -35.3273
Hunter-Lab	53.2468, -15.3966, -6.0421

Details

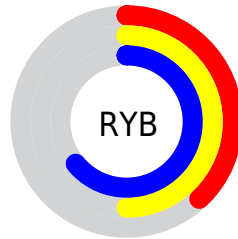
The Hex color **629AA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A36B62**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **98D0DA**, and **2D676F** is the 20% darker color. If you saturate the color by 10%, you get **5298A3**, and if you desaturate by 10%, it is **729CA3**.

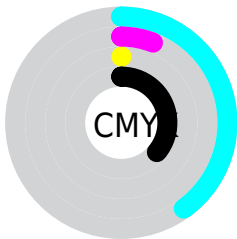
Distribution



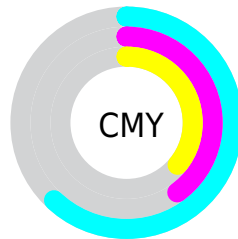
- Red (38%)
- Green (60%)
- Blue (64%)



- Red (38%)
- Yellow (50%)
- Blue (64%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (62%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 629AA3 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 629AA3 by changing the saturation by 10% instead.

629AA3

629AA3

FFFFFF

488089

98D0DA

2D676F

B3EDF6

0E4F57

D0FFFF

003840

ECFFFF

00222A

000216

000000

629AA3

629AA3

5298A3

729CA3

4195A3

839FA3

3193A3

93A1A3

2191A3

A3A3A3

118FA3

B3A5A3

008CA3

C4A8A3

D4AAA3

E4ACA3

F5AEA3

Harmonies

Analogous

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



679B92



629AA3



6C97AF

Triad

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



629AA3



A987A1



9C9170

Complementary

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



629AA3



A36B62

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.



AB8B74



629AA3



B38590

Square

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



629AA3



968CAD



B3877F



899675

Rectangle

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



629AA3



7894B2



B3877F



A28F70

Sweetspot

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



629AA3



BAD0D4



62A36B



5C696B



EBEBEB



6B6B6B

Same Dimension

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



629AA3



6EC6D4



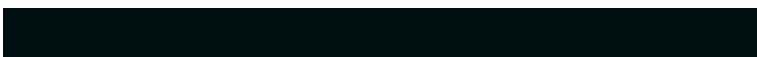
627AA3



495052



007D91



000F12

Inverse Universe

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



A3629A



D46EC6



A38B62



524950



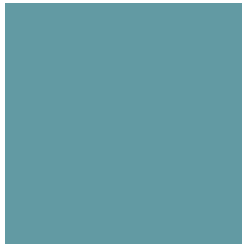
91007D



12000F

Previews

White Background



This preview shows how the Hex color 629AA3 looks on a white background.

Color Contrast Check

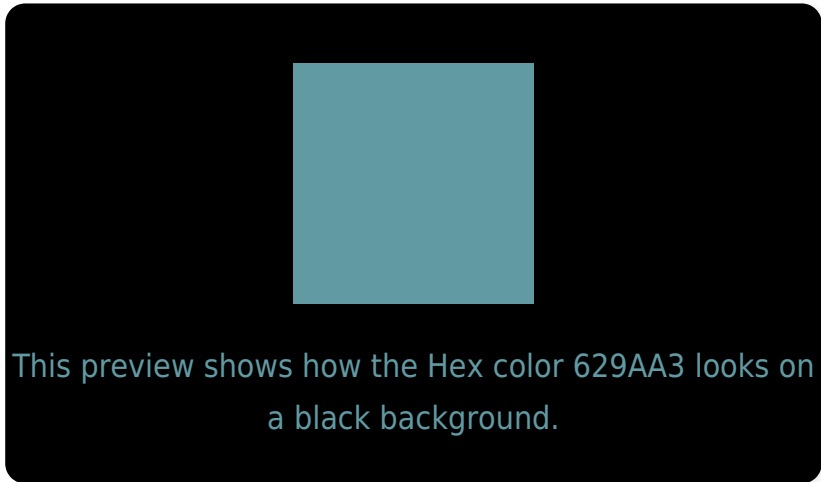
Large Text (above 18pt) WCAG AA ✓ Pass

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

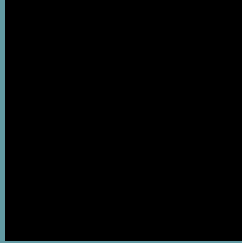
Any Text WCAG AA ✓ Pass

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 629AA3 Background



This preview shows how black text looks on a background with the Hex color 629AA3.

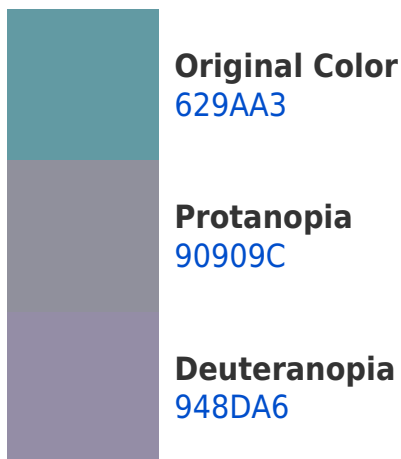


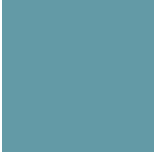
This preview shows how white text looks on a background with the Hex color 629AA3.

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



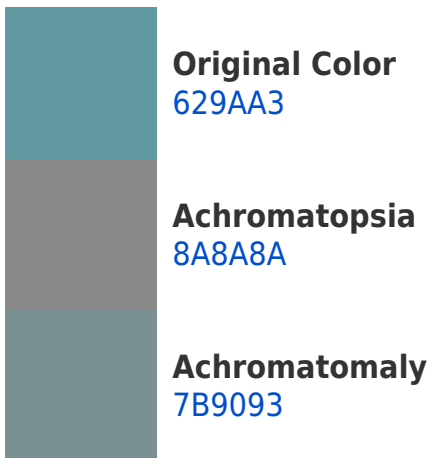


Tritanopia
639AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 629AA3 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 #629AA3 looks like.

```
.text, #text, p{  
    color:#629AA3  
}
```

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 #629AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629AA3
}
```

Border

The CSS property to change the border of an element to Hex 629AA3 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
#629AA3 }
```

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

```
.border{ border-color:#629AA3 }
```

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

Here you see how a box with a 4 pixel #629AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629AA3; -webkit-box-shadow:4px 4px  
4px 4px #629AA3; box-shadow:4px 4px 4px  
4px #629AA3 }
```

Background

The CSS property to change the background color of an element to Hex 629AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629AA3 }
```

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

```
.background{ background-color:#629AA3 }
```

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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