

Converting Colors

Hex(649AA0)

Have a look what the booklet for
Hex(649AA0) contains.

Hex(649AA0)	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(649AA0)

Conversions

Conversions Part 1

Format	Color
Hex	649AA0
RGB	100, 154, 160
RGB Percent	39%, 60%, 63%
CMY	0.6078, 0.3961, 0.3725
CMYK	0.38, 0.04, 0.00, 0.37
HSL	186°, 24%, 51%
HSV	186°, 38%, 63%
XYZ	23.1563, 28.3586, 37.5110
YIQ	138.5380, -34.1100, -9.5820

Conversions

Conversions Part 2

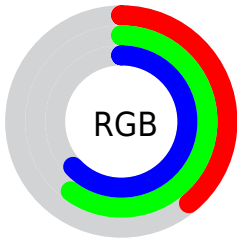
Format	Color
RYB	100, 128, 160
Decimal	6593184
CIELab	60.21, -16.22, -8.81
CIElCh	60, 18.452, 208.505
Yxy	28.3586, 0.2601, 0.3185
Android (android.graphics.Color)	4284783264 (0xFF649AA0)
YUV	138.5380, 10.5808, -33.7978
Hunter-Lab	53.2528, -15.5739, -4.4866

Details

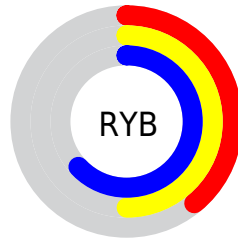
The Hex color **649AA0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A06A64**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **99D1D7**, and **30676D** is the 20% darker color. If you saturate the color by 10%, you get **5498A0**, and if you desaturate by 10%, it is **749CA0**.

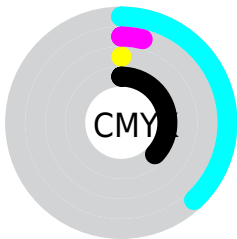
Distribution



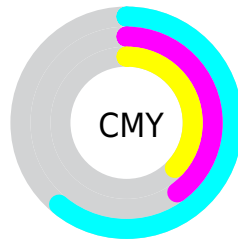
- Red (39%)
- Green (60%)
- Blue (63%)



- Red (39%)
- Yellow (50%)
- Blue (63%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (61%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649AA0 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 649AA0 by changing the saturation by 10% instead.

649AA0

649AA0

FFFFFF

4A8086

99D1D7

30676D

B5EDF3

134F54

D1FFFF

00383D

EEFFFF

002227

000213

000000

649AA0

649AA0

5498A0

749CA0

4497A0

849DA0

3495A0

949FA0

2494A0

A4A0A0

1492A0

B4A2A0

0490A0

C4A4A0

0090A0

D4A5A0

E4A7A0

F4A8A0

Harmonies

Analogous

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



6B9A90



649AA0



6B97AC

Triad

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



649AA0



A588A2



9E9071

Complementary

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



649AA0



A06A64

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.



AC8A76



649AA0



B18693

Square

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



649AA0



938DAE



B38782



8D9574

Rectangle

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



649AA0



7694B1



B38782



A38E72

Sweetspot

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



649AA0



BACFD1



64A06A



5B6769



E8E8E8



696969

Same Dimension

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



649AA0



73C8D1



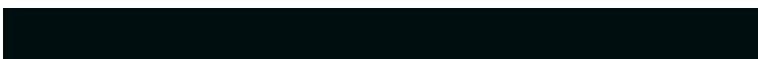
647CA0



474E4F



00818F



000E0F

Inverse Universe

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



A0649A



D173C8



A08864



4F474E



8F0081



0F000E

Previews

White Background



This preview shows how the Hex color 649AA0 looks on a white background.

Color Contrast Check

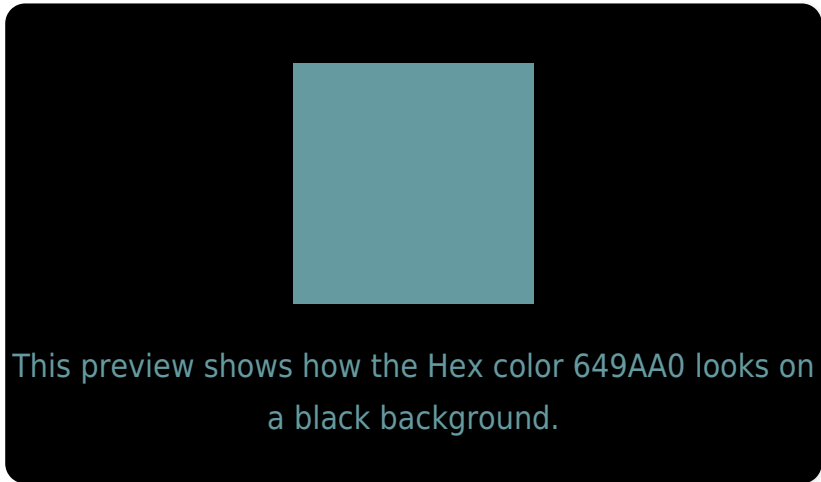
Large Text (above 18pt) WCAG AA ✓ Pass

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

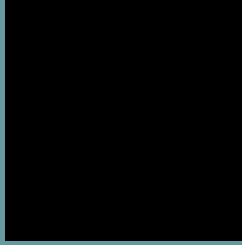
Any Text WCAG AA ✓ Pass

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 649AA0 Background



This preview shows how black text looks on a background with the Hex color 649AA0.

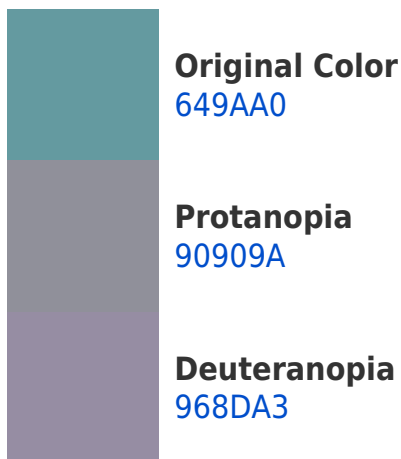


This preview shows how white text looks on a background with the Hex color 649AA0.

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](#).

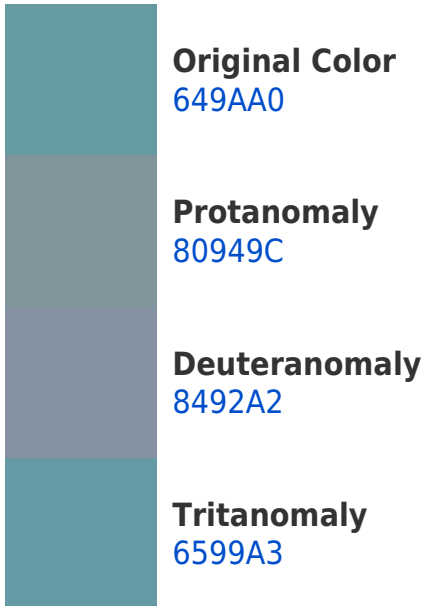
Dichromacy



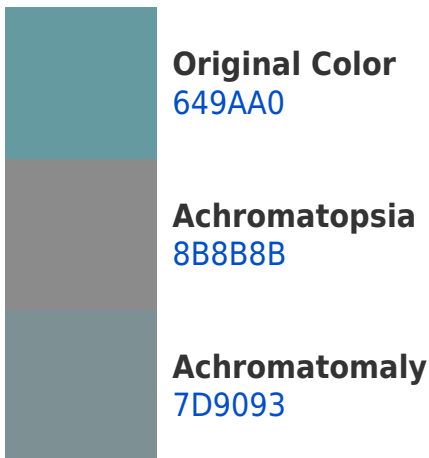


Tritanopia
6599A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649AA0 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 #649AA0 looks like.

```
.text, #text, p{  
    color:#649AA0  
}
```

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 #649AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649AA0
}
```

Border

The CSS property to change the border of an element to Hex 649AA0 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
#649AA0 }
```

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

```
.border{ border-color:#649AA0 }
```

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

Here you see how a box with a 4 pixel #649AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649AA0; -webkit-box-shadow:4px 4px  
4px 4px #649AA0; box-shadow:4px 4px 4px  
4px #649AA0 }
```

Background

The CSS property to change the background color of an element to Hex 649AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649AA0 }
```

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

```
.background{ background-color:#649AA0 }
```

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