

Converting Colors

Hex(6490A6)

Have a look what the booklet for
Hex(6490A6) contains.

Hex(6490A6)	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(6490A6)

Conversions

Conversions Part 1

Format	Color
Hex	6490A6
RGB	100, 144, 166
RGB Percent	39%, 56%, 65%
CMY	0.6078, 0.4353, 0.3490
CMYK	0.40, 0.13, 0.00, 0.35
HSL	200°, 27%, 52%
HSV	200°, 40%, 65%
XYZ	22.1117, 25.4090, 39.8154
YIQ	133.3520, -33.2860, -2.4860

Conversions

Conversions Part 2

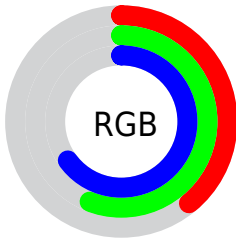
Format	Color
RYB	100, 126, 166
Decimal	6590630
CIELab	57.47, -9.17, -16.34
CIElCh	57, 18.743, 240.691
Yxy	25.4090, 0.2532, 0.2909
Android (android.graphics.Color)	4284780710 (0xFF6490A6)
YUV	133.3520, 16.0955, -29.2497
Hunter-Lab	50.4074, -9.9120, -11.5464

Details

The Hex color **6490A6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A67A64**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **99C6DD**, and **305E72** is the 20% darker color. If you saturate the color by 10%, you get **538AA6**, and if you desaturate by 10%, it is **7596A6**.

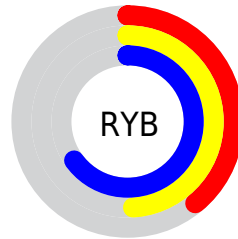
Distribution



Red (39%)

Green (56%)

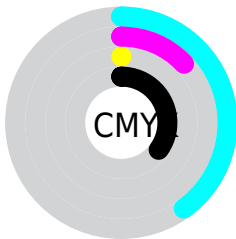
Blue (65%)



Red (39%)

Yellow (49%)

Blue (65%)

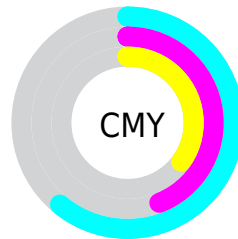


Cyan (40%)

Magenta (13%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6490A6 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 6490A6 by changing the saturation by 10% instead.

■ 6490A6

■ 6490A6

FFFFFF

■ 4A768C

■ 99C6DD

■ 305E72

■ B5E2FA

■ 14465A

■ D1FEFF

■ 003042

■ EEEFFF

■ 001B2C

■ 000118

■ 000000

■ 6490A6

■ 6490A6

■ 538AA6

■ 7596A6

■ 4385A6

■ 859BA6

■ 327FA6

■ 96A1A6

■ 227AA6

■ A6A6A6

■ 1174A6

■ B7ACA6

■ 006FA6

■ C8B1A6

■ D8B7A6

■ E9BCA6

■ F9C2A6

Harmonies

Analogous

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



5C939A



6490A6



778BAA

Triad

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



6490A6



AA7E8A



848E6E

Complementary

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



6490A6



A67A64

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.



968969



6490A6



AB807A

Square

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



6490A6



A0819A



A4846E



72927A

Rectangle

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



6490A6



8688A8



A4846E



8A8D6B

Sweetspot

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



6490A6



BFD0D9



64A67A



5E696E



EDEDED



6E6E6E

Same Dimension

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



6490A6



71B6D9



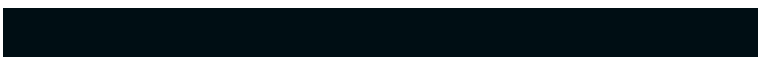
646FA6



4C5154



006394



000E14

Inverse Universe

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



A66490



D971B6



A69B64



544C51



940063



14000E

Previews

White Background



This preview shows how the Hex color 6490A6 looks on a white background.

Color Contrast Check

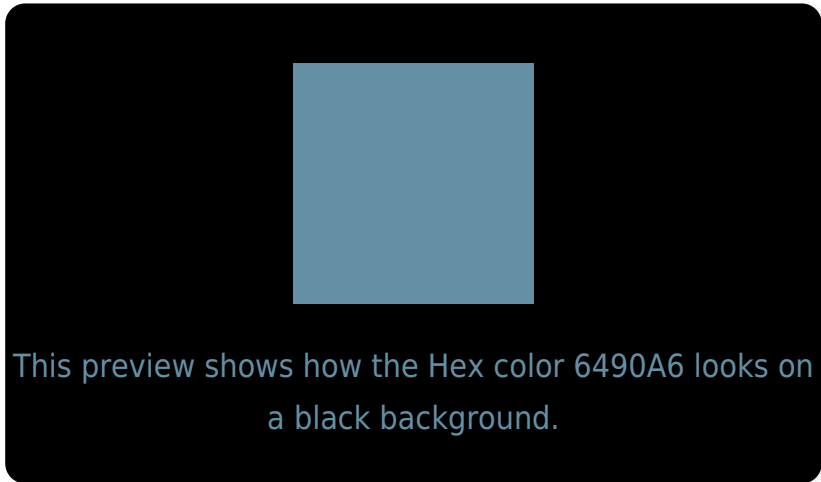
Large Text (above 18pt) WCAG AA ✓ Pass

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

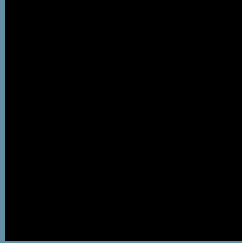
Any Text WCAG AA ✓ Pass

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 6490A6 Background



This preview shows how black text looks on a background with the Hex color 6490A6.

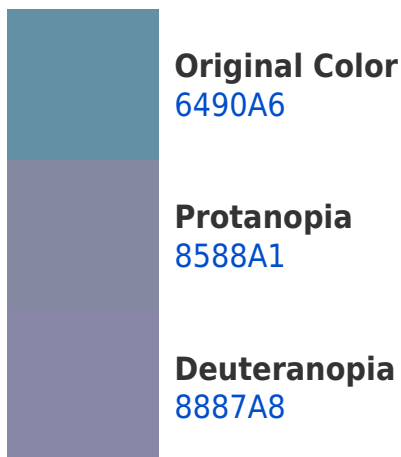



This preview shows how white text looks on a background with the Hex color 6490A6.

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](#).

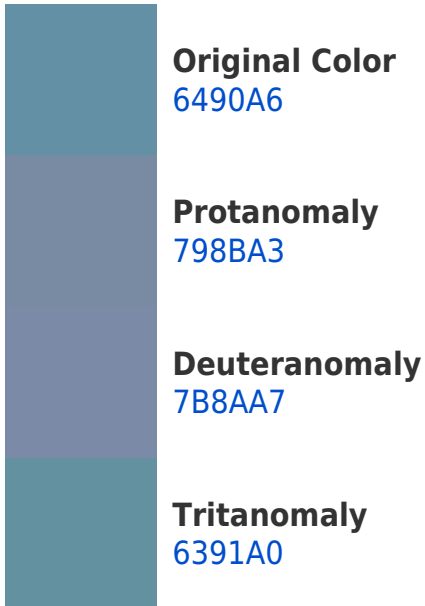
Dichromacy



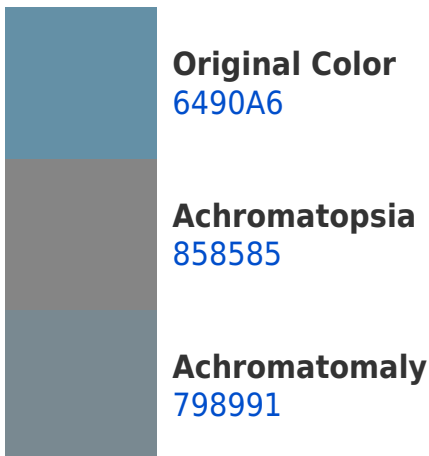


Tritanopia
62919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6490A6 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 #6490A6 looks like.

```
.text, #text, p{  
    color:#6490A6  
}
```

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 #6490A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6490A6  
}
```

Border

The CSS property to change the border of an element to Hex 6490A6 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  
#6490A6 }
```

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

```
.border{ border-color:#6490A6 }
```

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

Here you see how a box with a 4 pixel #6490A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6490A6; -webkit-box-shadow:4px 4px  
4px 4px #6490A6; box-shadow:4px 4px 4px  
4px #6490A6 }
```

Background

The CSS property to change the background color of an element to Hex 6490A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6490A6 }
```

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

```
.background{ background-color:#6490A6 }
```

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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