

Converting Colors

Hex(6492A3)

Have a look what the booklet for
Hex(6492A3) contains.

Hex(6492A3)	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(6492A3)

Conversions

Conversions Part 1

Format	Color
Hex	6492A3
RGB	100, 146, 163
RGB Percent	39%, 57%, 64%
CMY	0.6078, 0.4275, 0.3608
CMYK	0.39, 0.10, 0.00, 0.36
HSL	196°, 26%, 52%
HSV	196°, 39%, 64%
XYZ	22.1453, 25.9114, 38.4846
YIQ	134.1840, -32.8730, -4.4650

Conversions

Conversions Part 2

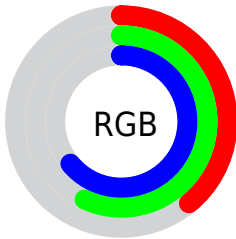
Format	Color
R_{YB}	100, 127, 163
Decimal	6591139
CIE _{Lab}	57.95, -11.09, -13.90
CIE _{LCh}	58, 17.786, 231.413
Y _{xy}	25.9114, 0.2559, 0.2994
Android (android.graphics.Color)	4284781219 (0xFF6492A3)
YUV	134.1840, 14.2063, -29.9794
Hunter-Lab	50.9033, -11.4250, -9.1929

Details

The Hex color **6492A3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A37564**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **99C8DA**, and **305F6F** is the 20% darker color. If you saturate the color by 10%, you get **548EA3**, and if you desaturate by 10%, it is **7496A3**.

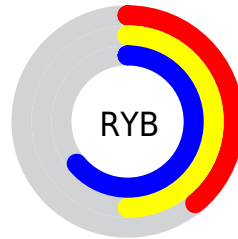
Distribution



Red (39%)

Green (57%)

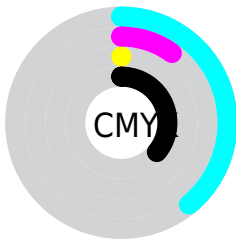
Blue (64%)



Red (39%)

Yellow (50%)

Blue (64%)

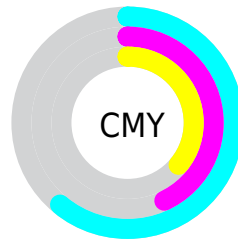


Cyan (39%)

Magenta (10%)

Yellow (0%)

Black (36%)



Cyan (61%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6492A3 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 6492A3 by changing the saturation by 10% instead.

6492A3

6492A3

FFFFFF

4A7889

99C8DA

305F6F

B5E4F6

144857

D1FFFF

003140

EEFFFF

001D2A

000115

000000

6492A3

6492A3

548EA3

7496A3

■ 4389A3

■ 859BA3

■ 3385A3

■ 959FA3

■ 2380A3

■ A5A4A3

■ 137CA3

■ B5A8A3

■ 0278A3

■ C6ACA3

■ 0077A3

■ D6B1A3

■ E6B5A3

■ F7BAA3

Harmonies

Analogous

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



619496



6492A3



738EAA

Triad

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



6492A3



A88190



8B8E6E

Complementary

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



6492A3



A37564

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.



9B896D



6492A3



AC8181

Square

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



6492A3



9B849F



A78474



799277

Rectangle

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



6492A3



818BA9



A78474



918C6D

Sweetspot

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



6492A3



BACDD4



64A375



5C676B



EBEBEB



6B6B6B

Same Dimension

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



6492A3



72B9D4



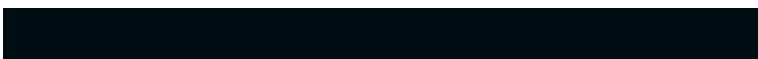
6473A3



494F52



006A91



000D12

Inverse Universe

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



A36492



D472B9



A39464



52494F



91006A



12000D

Previews

White Background



This preview shows how the Hex color 6492A3 looks on a white background.

Color Contrast Check

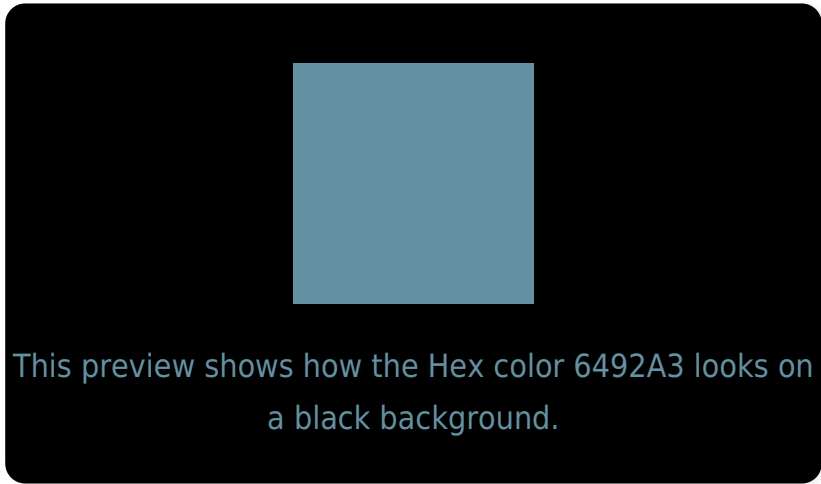
Large Text (above 18pt) WCAG AA ✓ Pass

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

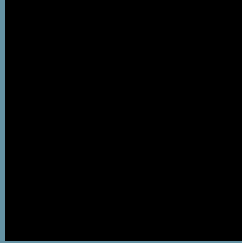
Any Text WCAG AA ✓ Pass

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 6492A3 Background



This preview shows how black text looks on a background with the Hex color 6492A3.

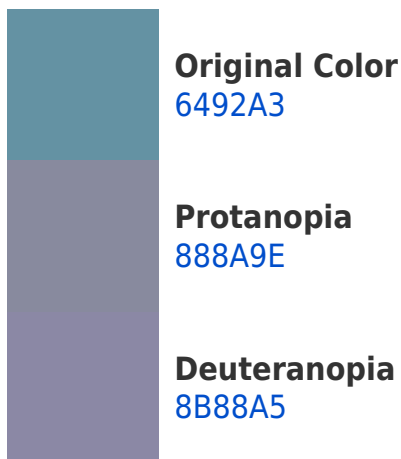



This preview shows how white text looks on a background with the Hex color 6492A3.

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](#).

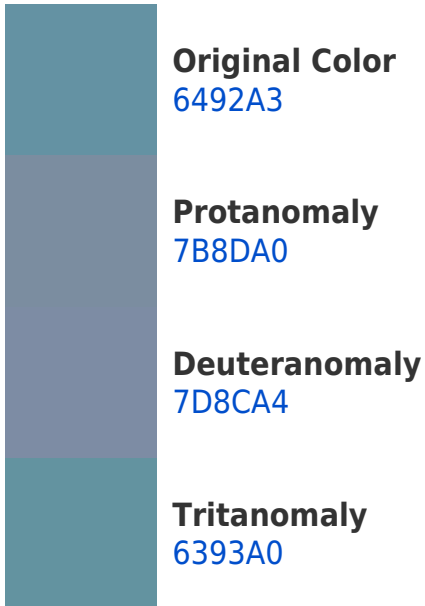
Dichromacy



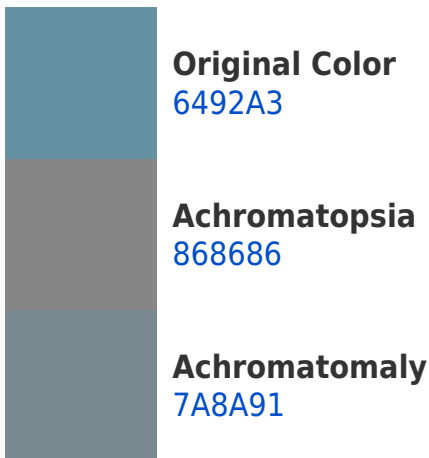


Tritanopia
63939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6492A3 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 #6492A3 looks like.

```
.text, #text, p{  
    color:#6492A3  
}
```

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 #6492A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6492A3  
}
```

Border

The CSS property to change the border of an element to Hex 6492A3 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  
#6492A3 }
```

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

```
.border{ border-color:#6492A3 }
```

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

Here you see how a box with a 4 pixel #6492A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6492A3; -webkit-box-shadow:4px 4px  
4px 4px #6492A3; box-shadow:4px 4px 4px  
4px #6492A3 }
```

Background

The CSS property to change the background color of an element to Hex 6492A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6492A3 }
```

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

```
.background{ background-color:#6492A3 }
```

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