

Converting Colors

Hex(6A8291)

Have a look what the booklet for
Hex(6A8291) contains.

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Color

Hex(6A8291)

Conversions

Conversions Part 1

Format	Color
Hex	6A8291
RGB	106, 130, 145
RGB Percent	42%, 51%, 57%
CMY	0.5843, 0.4902, 0.4314
CMYK	0.27, 0.10, 0.00, 0.43
HSL	203°, 16%, 49%
HSV	203°, 27%, 57%
XYZ	19.0373, 21.0738, 29.8523
YIQ	124.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

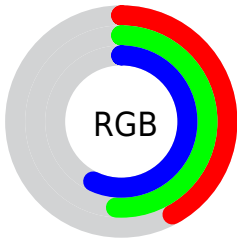
Format	Color
R_{YB}	106, 121, 145
Decimal	6980241
CIE _{Lab}	53.03, -5.00, -10.91
CIE _{LCh}	53, 12.001, 245.384
Yxy	21.0738, 0.2721, 0.3012
Android (android.graphics.Color)	4285170321 (0xFF6A8291)
YUV	124.5340, 10.0897, -16.2543
Hunter-Lab	45.9062, -6.3117, -6.4214

Details

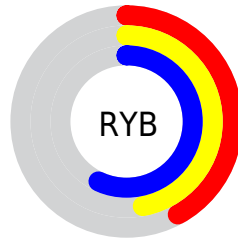
The Hex color **6A8291** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **91796A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9EB7C7**, and **39515F** is the 20% darker color. If you saturate the color by 10%, you get **5C7C91**, and if you desaturate by 10%, it is **798891**.

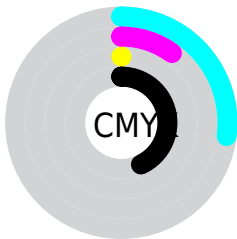
Distribution



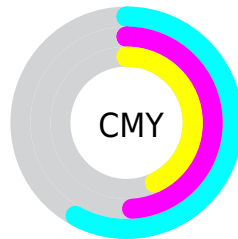
- Red (42%)
- Green (51%)
- Blue (57%)



- Red (42%)
- Yellow (47%)
- Blue (57%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



- Cyan (58%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8291 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 6A8291 by changing the saturation by 10% instead.

■ 6A8291

■ 6A8291

FFFFFF

■ 516977

■ 9EB7C7

■ 39515F

■ B9D2E3

■ 223A47

■ D5EFFF

■ 0B2430

■ F2FFFF

■ 000F1C

■ 000000

■ 6A8291

■ 6A8291

■ 5C7C91

■ 798891

■ 4D7791

■ 878D91

■ 3F7191

■ 959391

■ 306C91

■ A49891

■ 226691

■ B39E91

■ 136191

■ C1A391

■ 055B91

■ D0A991

■ 005991

■ DEAF91

■ EDB491

Harmonies

Analogous

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



64848A



6A8291



767F93

Triad

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



6A8291



94787D



79826E

Complementary

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



6A8291



91796A

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.



857E6A



6A8291



947873

Square

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



6A8291



8E7987



8F7B6C



6E8476

Rectangle

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



6A8291



7F7D91



8F7B6C



7D816C

Sweetspot

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



6A8291



AEB7BD



6A9179



555B5E



DEDEDE



5E5E5E

Same Dimension

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



6A8291



80A5BD



6A6F91



404547



005387



000508

Inverse Universe

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



916A82



BD80A5



918C6A



474045



870053



080005

Previews

White Background



This preview shows how the Hex color 6A8291 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

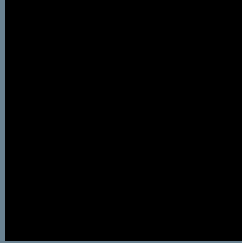
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

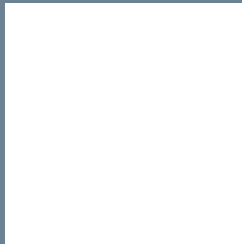
Any Text WCAG AAA × Fail

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

Hex 6A8291 Background



This preview shows how black text looks on a background with the Hex color 6A8291.

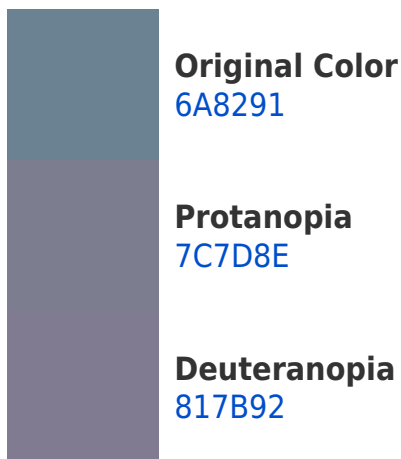



This preview shows how white text looks on a background with the Hex color 6A8291.

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
69838D

Trichromacy



Original Color
6A8291

Protanomaly
757F8F

Deuteranomaly
797E92

Tritanomaly
69838E

Monochromacy



Original Color
6A8291

Achromatopsia
7D7D7D

Achromatomaly
767F84

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8291 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 #6A8291 looks like.

```
.text, #text, p{  
    color:#6A8291  
}
```

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 #6A8291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8291
}
```

Border

The CSS property to change the border of an element to Hex 6A8291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

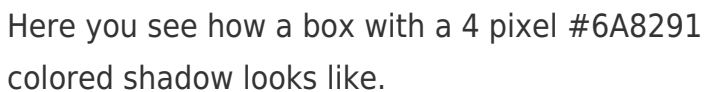
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A8291 }
```

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

```
.border{ border-color:#6A8291 }
```

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



Here you see how a box with a 4 pixel #6A8291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8291; -webkit-box-shadow:4px 4px  
4px 4px #6A8291; box-shadow:4px 4px 4px  
4px #6A8291 }
```

Background

The CSS property to change the background color of an element to Hex 6A8291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8291 }
```

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

```
.background{ background-color:#6A8291 }
```

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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