

Converting Colors

Hex(6A9287)

Have a look what the booklet for
Hex(6A9287) contains.

Hex(6A9287)	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(6A9287)

Conversions

Conversions Part 1

Format	Color
Hex	6A9287
RGB	106, 146, 135
RGB Percent	42%, 57%, 53%
CMY	0.5843, 0.4275, 0.4706
CMYK	0.27, 0.00, 0.08, 0.43
HSL	164°, 16%, 49%
HSV	164°, 27%, 57%
XYZ	20.5959, 25.3712, 26.7333
YIQ	132.7860, -20.3090, -11.9010

Conversions

Conversions Part 2

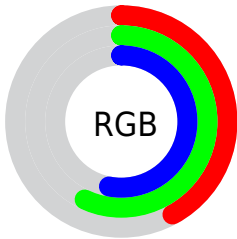
Format	Color
R_{YB}	106, 129, 146
Decimal	6984327
CIE _{Lab}	57.44, -16.21, 1.38
CIE _{LCh}	57, 16.270, 175.144
Yxy	25.3712, 0.2833, 0.3490
Android (android.graphics.Color)	4285174407 (0xFF6A9287)
YUV	132.7860, 1.0915, -23.4913
Hunter-Lab	50.3698, -15.1597, 3.7913

Details

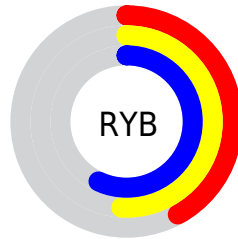
The Hex color **6A9287** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **926A75**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9EC8BC**, and **395F55** is the 20% darker color. If you saturate the color by 10%, you get **5B9283**, and if you desaturate by 10%, it is **79928B**.

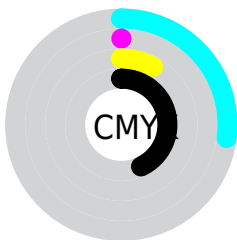
Distribution



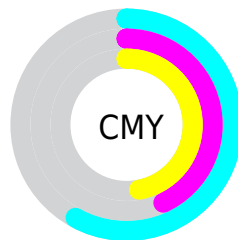
- Red (42%)
- Green (57%)
- Blue (53%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (58%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9287 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 6A9287 by changing the saturation by 10% instead.



6A9287



6A9287

FFFFFF



51786E



9EC8BC



395F55



BAE4D8



21473E



D5FFF4



093128



F2FFFF



001D14



000000



6A9287



6A9287



5B9283



79928B



4D927F



87928F

■ 3E927B

■ 969293

■ 309277

■ A49297

■ 219273

■ B3929B

■ 12926F

■ C2929F

■ 04926B

■ D092A3

■ 00926A

■ DF92A7

■ ED92AB

Harmonies

Analogous

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



789079



6A9287



639295

Triad

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



6A9287



8A87A4



A28473

Complementary

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



6A9287



926A75

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.



A8817E



6A9287



9A839A

Square

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



6A9287



778CA6



A5808D



97886E

Rectangle

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



6A9287



65919E



A5808D



A58276

Sweetspot

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



6A9287



AEBDB9



75926A



555E5C



DEDEDE



5E5E5E

Same Dimension

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



6A9287



7EBDAC



6A8992



434A48



008A64



000A07

Inverse Universe

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



926A75



BD7E90



92736A



4A4345



8A0026



0A0003

Previews

White Background



This preview shows how the Hex color 6A9287 looks on a white background.

Color Contrast Check

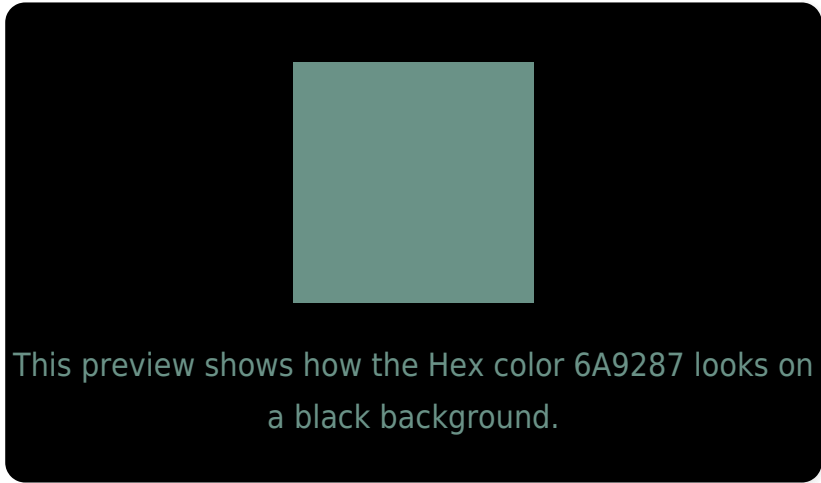
Large Text (above 18pt) WCAG AA ✓ Pass

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

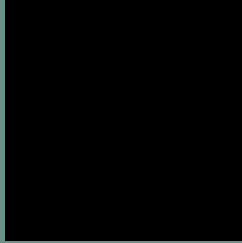
Any Text WCAG AA ✓ Pass

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 6A9287 Background



This preview shows how black text looks on a background with the Hex color 6A9287.

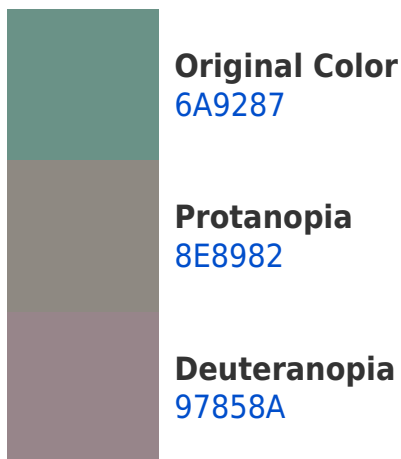


This preview shows how white text looks on a background with the Hex color 6A9287.

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](#).

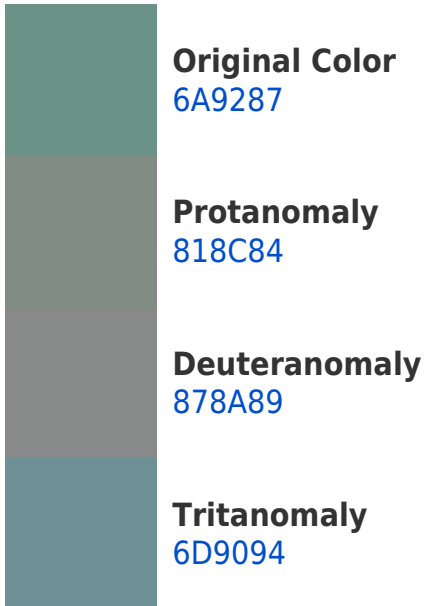
Dichromacy



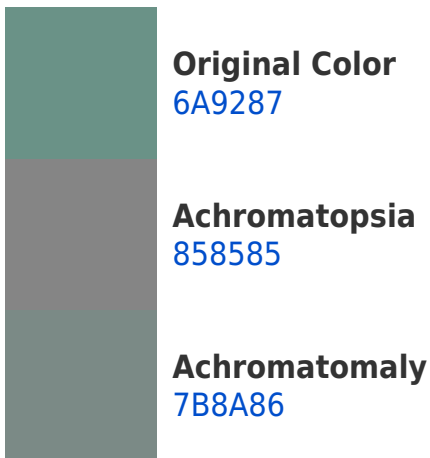


Tritanopia
6E8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9287 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 #6A9287 looks like.

```
.text, #text, p{  
    color:#6A9287  
}
```

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 #6A9287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9287
}
```

Border

The CSS property to change the border of an element to Hex 6A9287 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
#6A9287 }
```

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

```
.border{ border-color:#6A9287 }
```

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

Here you see how a box with a 4 pixel #6A9287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9287; -webkit-box-shadow:4px 4px  
4px 4px #6A9287; box-shadow:4px 4px 4px  
4px #6A9287 }
```

Background

The CSS property to change the background color of an element to Hex 6A9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9287 }
```

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

```
.background{ background-color:#6A9287 }
```

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