

Converting Colors

Hex(6DA2A7)

Have a look what the booklet for
Hex(6DA2A7) contains.

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Color

Hex(6DA2A7)

Conversions

Conversions Part 1

Format	Color
Hex	6DA2A7
RGB	109, 162, 167
RGB Percent	43%, 64%, 65%
CMY	0.5725, 0.3647, 0.3451
CMYK	0.35, 0.03, 0.00, 0.35
HSL	185°, 25%, 54%
HSV	185°, 35%, 65%
XYZ	26.2021, 31.8819, 41.3320
YIQ	146.7230, -33.1930, -9.6810

Conversions

Conversions Part 2

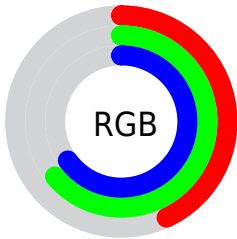
Format	Color
RYB	109, 137, 167
Decimal	7185063
CIELab	63.25, -16.16, -8.18
CIELCh	63, 18.114, 206.855
Yxy	31.8819, 0.2636, 0.3207
Android (android.graphics.Color)	4285375143 (0xFF6DA2A7)
YUV	146.7230, 9.9966, -33.0831
Hunter-Lab	56.4641, -15.9794, -3.8758

Details

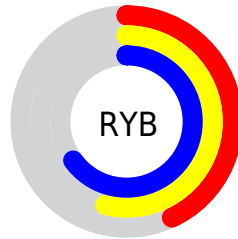
The Hex color **6DA2A7** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A7726D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A3D9DE**, and **396E73** is the 20% darker color. If you saturate the color by 10%, you get **5CA1A7**, and if you desaturate by 10%, it is **7EA3A7**.

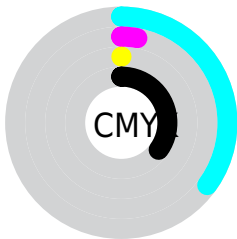
Distribution



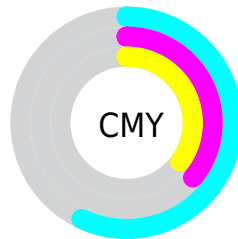
- Red (43%)
- Green (64%)
- Blue (65%)



- Red (43%)
- Yellow (54%)
- Blue (65%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (57%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA2A7 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 6DA2A7 by changing the saturation by 10% instead.



6DA2A7



6DA2A7

FFFFFF



53888D



A3D9DE



396E73



BEF5FB



1F565B



DBFFFF



003E43



F8FFFF



00282D



001419



000000



6DA2A7



6DA2A7



5CA1A7



7EA3A7

4C9FA7

8EA5A7

3B9EA7

9FA6A7

2A9CA7

B0A8A7

1A9BA7

C0A9A7

0999A7

D1ABA7

0099A7

E2ACA7

F3AEA7

FFAFA7

Harmonies

Analogous

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



74A297



6DA2A7



739FB4

Triad

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



6DA2A7



AC91AB



A79779

Complementary

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



6DA2A7



A7726D

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.



B4927F



6DA2A7



B88E9B

Square

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



6DA2A7



9A96B6



BB8F8B



969D7C

Rectangle

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



6DA2A7



7E9DB8



BB8F8B



AC967A

Sweetspot

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



6DA2A7



C3D7D9



6DA772



606D6E



EDEDED



6E6E6E

Same Dimension

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



6DA2A7



7ED1D9



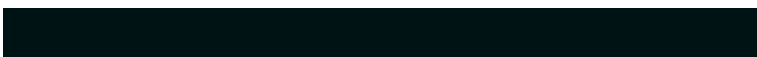
6D85A7



4C5354



008794



001314

Inverse Universe

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



A76DA2



D97ED1



A78F6D



544C53



940087



140013

Previews

White Background



This preview shows how the Hex color 6DA2A7 looks on a white background.

Color Contrast Check

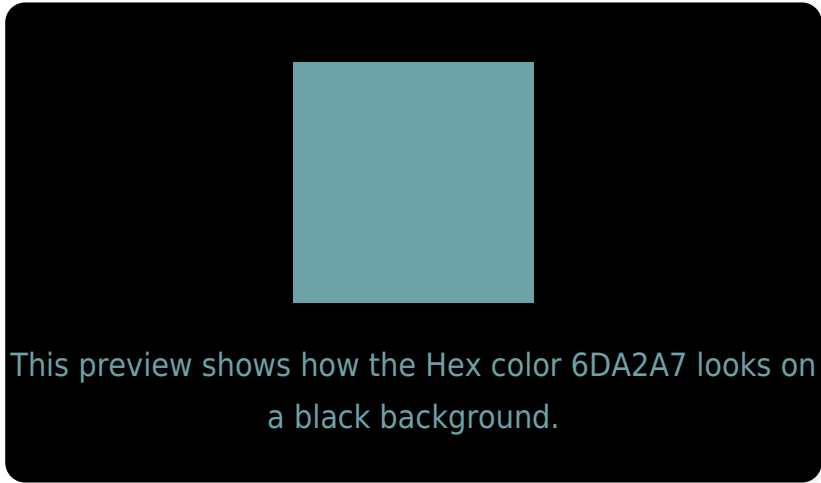
Large Text (above 18pt) WCAG AA × Fail

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

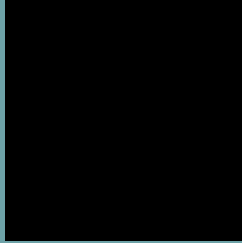
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 6DA2A7 Background



This preview shows how black text looks on a background with the Hex color 6DA2A7.

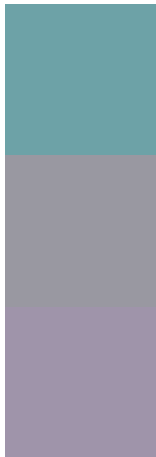


This preview shows how white text looks on a background with the Hex color 6DA2A7.

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



Original Color
6DA2A7

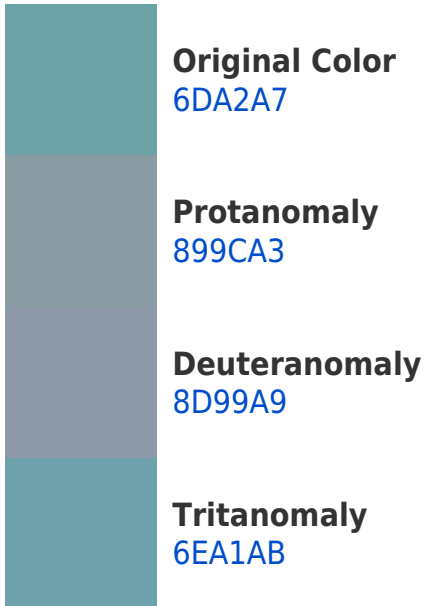
Protanopia
9998A1

Deuteranopia
9F94AA

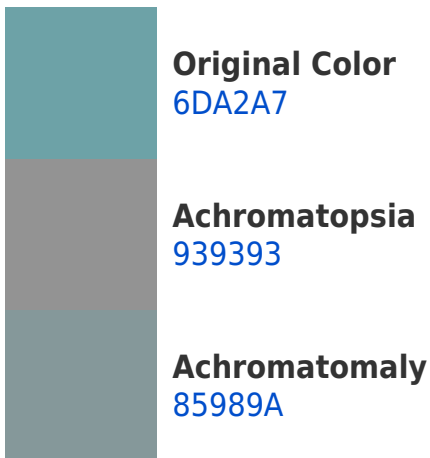


Tritanopia
6FA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA2A7 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 #6DA2A7 looks like.

```
.text, #text, p{  
    color:#6DA2A7  
}
```

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 #6DA2A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA2A7
}
```

Border

The CSS property to change the border of an element to Hex 6DA2A7 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
#6DA2A7 }
```

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

```
.border{ border-color:#6DA2A7 }
```

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

Here you see how a box with a 4 pixel #6DA2A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA2A7; -webkit-box-shadow:4px 4px  
4px 4px #6DA2A7; box-shadow:4px 4px 4px  
4px #6DA2A7 }
```

Background

The CSS property to change the background color of an element to Hex 6DA2A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA2A7 }
```

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

```
.background{ background-color:#6DA2A7 }
```

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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