

Converting Colors

Hex(6DA39B)

Have a look what the booklet for
Hex(6DA39B) contains.

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Color

Hex(6DA39B)

Conversions

Conversions Part 1

Format	Color
Hex	6DA39B
RGB	109, 163, 155
RGB Percent	43%, 64%, 61%
CMY	0.5725, 0.3608, 0.3922
CMYK	0.33, 0.00, 0.05, 0.36
HSL	171°, 23%, 53%
HSV	171°, 33%, 64%
XYZ	25.3203, 31.8122, 35.8162
YIQ	145.9420, -29.6160, -13.9360

Conversions

Conversions Part 2

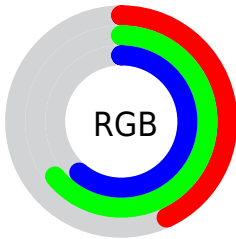
Format	Color
RYB	109, 138, 163
Decimal	7185307
CIELab	63.19, -19.60, -1.53
CIELCh	63, 19.663, 184.465
Yxy	31.8122, 0.2724, 0.3423
Android (android.graphics.Color)	4285375387 (0xFF6DA39B)
YUV	145.9420, 4.4656, -32.3981
Hunter-Lab	56.4023, -18.5712, 1.8316

Details

The Hex color **6DA39B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A36D75**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A2DAD1**, and **3A6F68** is the 20% darker color. If you saturate the color by 10%, you get **5DA399**, and if you desaturate by 10%, it is **7DA39D**.

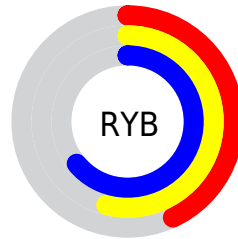
Distribution



Red (43%)

Green (64%)

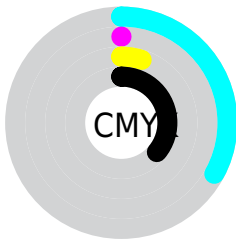
Blue (61%)



Red (43%)

Yellow (54%)

Blue (64%)

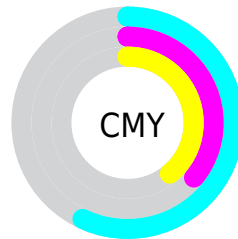


Cyan (33%)

Magenta (0%)

Yellow (5%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA39B 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 6DA39B by changing the saturation by 10% instead.



6DA39B



6DA39B

FFFFFF



538981



A2DAD1



3A6F68



BEF7EE



205650



DAFFFF



013F39



F7FFFF



002924



00140E



000000



6DA39B



6DA39B



5DA399



7DA39D

■ 4CA396

■ 8EA3A0

■ 3CA394

■ 9EA3A2

■ 2CA391

■ AEA3A5

■ 1CA38F

■ BFA3A7

■ 0BA38D

■ CFA3A9

■ 00A38B

■ DFA3AC

■ EFA3AE

■ FFA3B1

Harmonies

Analogous

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



7DA289



6DA39B



68A2AC

Triad

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



6DA39B



9F94B6



B3937A

Complementary

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



6DA39B



A36D75

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.



BC8E86



6DA39B



B28FA8

Square

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



6DA39B



889ABB



BC8C97



A49976

Rectangle

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



6DA39B



6EA0B5



BC8C97



B7917D

Sweetspot

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



6DA39B



BED4D1



75A36D



5E6B69



EBEBEB



6B6B6B

Same Dimension

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



6DA39B



7FD4C7



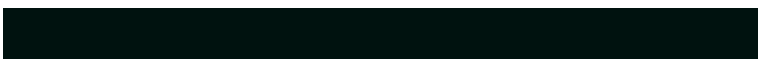
6D90A3



495250



00917C



00120F

Inverse Universe

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



A36D75



D47F8C



A3806D



52494B



910016



120003

Previews

White Background



This preview shows how the Hex color 6DA39B looks on a white background.

Color Contrast Check

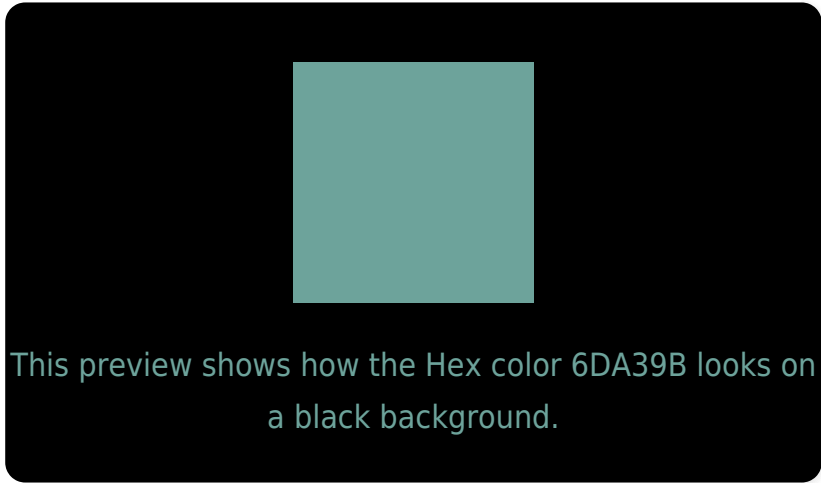
Large Text (above 18pt) WCAG AA × Fail

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

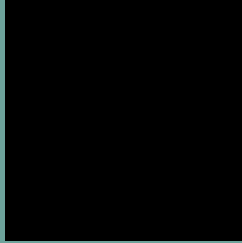
Any Text WCAG AA ✓ Pass

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 6DA39B Background



This preview shows how black text looks on a background with the Hex color 6DA39B.

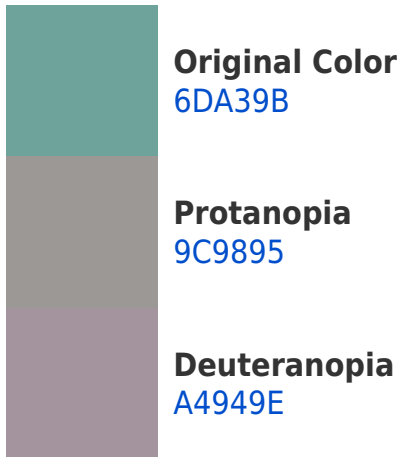


This preview shows how white text looks on a background with the Hex color 6DA39B.

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



Trichromacy



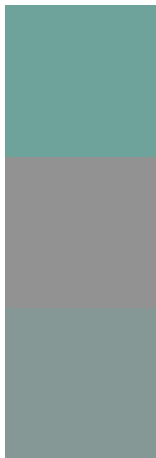
Original Color
6DA39B

Protanomaly
8B9C97

Deuteranomaly
90999D

Tritanomaly
70A1A6

Monochromacy



Original Color
6DA39B

Achromatopsia
929292

Achromatomaly
859895

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA39B 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 #6DA39B looks like.

```
.text, #text, p{  
    color:#6DA39B  
}
```

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 #6DA39B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA39B
}
```

Border

The CSS property to change the border of an element to Hex 6DA39B 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
#6DA39B }
```

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

```
.border{ border-color:#6DA39B }
```

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

Here you see how a box with a 4 pixel #6DA39B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA39B; -webkit-box-shadow:4px 4px  
4px 4px #6DA39B; box-shadow:4px 4px 4px  
4px #6DA39B }
```

Background

The CSS property to change the background color of an element to Hex 6DA39B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA39B }
```

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

```
.background{ background-color:#6DA39B }
```

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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