

Converting Colors

Hex(6DAA96)

Have a look what the booklet for
Hex(6DAA96) contains.

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Color

Hex(6DAA96)

Conversions

Conversions Part 1

Format	Color
Hex	6DAA96
RGB	109, 170, 150
RGB Percent	43%, 67%, 59%
CMY	0.5725, 0.3333, 0.4118
CMYK	0.36, 0.00, 0.12, 0.33
HSL	160°, 26%, 55%
HSV	160°, 36%, 67%
XYZ	26.1864, 34.2027, 34.0758
YIQ	149.4810, -29.9360, -19.1520

Conversions

Conversions Part 2

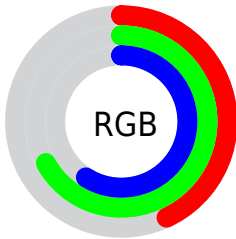
Format	Color
RYB	109, 145, 170
Decimal	7187094
CIELab	65.12, -24.32, 4.08
CIELCh	65, 24.660, 170.476
Yxy	34.2027, 0.2772, 0.3621
Android (android.graphics.Color)	4285377174 (0xFF6DAA96)
YUV	149.4810, 0.2559, -35.5018
Hunter-Lab	58.4830, -22.4200, 6.3922

Details

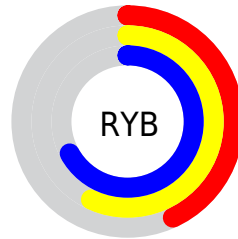
The Hex color **6DAA96** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AA6D81**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A3E2CC**, and **397663** is the 20% darker color. If you saturate the color by 10%, you get **5CAA90**, and if you desaturate by 10%, it is **7EAA9C**.

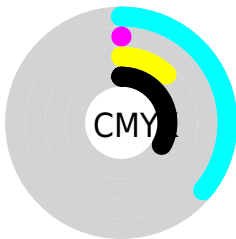
Distribution



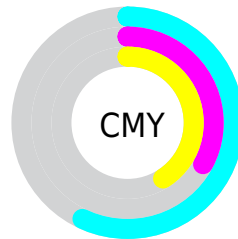
- Red (43%)
- Green (67%)
- Blue (59%)



- Red (43%)
- Yellow (57%)
- Blue (67%)



- Cyan (36%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (57%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DAA96 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 6DAA96 by changing the saturation by 10% instead.

 6DAA96

 6DAA96

FFFFFF

 538F7C

 A3E2CC

 397663

 BEFEE8

 1F5D4B

 DBFFFF

 004535

 F8FFFF

 002E20

 001B08

 000000

 6DAA96

 6DAA96

 5CAA90

 7EAA9C

■ 4BAA8B

■ 8FAAA1

■ 3AAA85

■ A0AAA7

■ 29AA80

■ B1AAAC

■ 18AA7A

■ C2AAB2

■ 07AA75

■ D3AAB7

■ 00AA72

■ E4AABD

■ F5AAC3

■ FFAAC8

Harmonies

Analogous

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



85A781



6DAA96



5DAAAD

Triad

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



6DAA96



989BC7



C5937D

Complementary

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



6DAA96



AA6D81

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.



CB8F90



6DAA96



B493BA

Square

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



6DAA96



79A2C9



C58FA6



B59A73

Rectangle

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



6DAA96



5DA9BA



C58FA6



C89182

Sweetspot

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



6DAA96



C5DED6



81AA6D



62706B



F0F0F0



707070

Same Dimension

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



6DAA96



7EDEBF



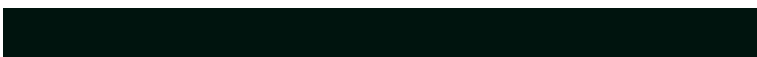
6DA0AA



4C5451



009463



00140E

Inverse Universe

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



AA6D81



DE7E9E



AA776D



544C4E



940030



140007

Previews

White Background



This preview shows how the Hex color 6DAA96 looks on a white background.

Color Contrast Check

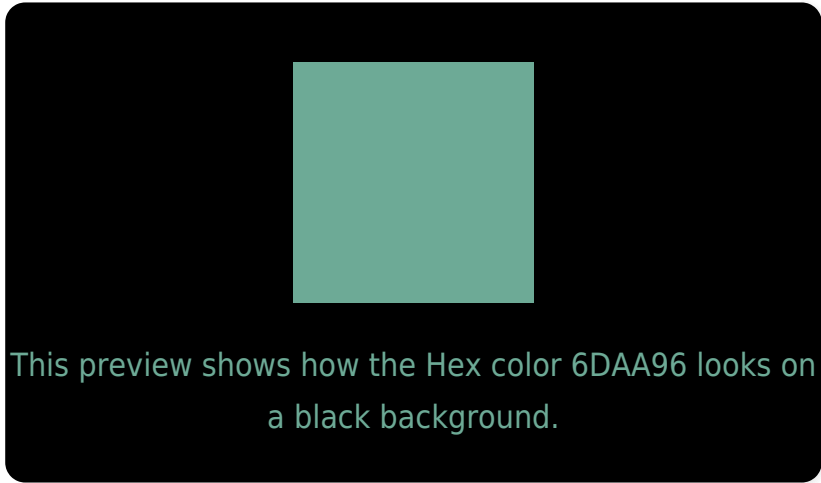
Large Text (above 18pt) WCAG AA × Fail

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

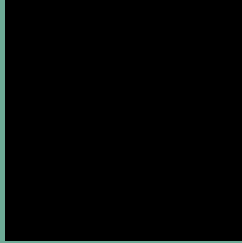
Any Text WCAG AA ✓ Pass

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 6DAA96 Background



This preview shows how black text looks on a background with the Hex color 6DAA96.

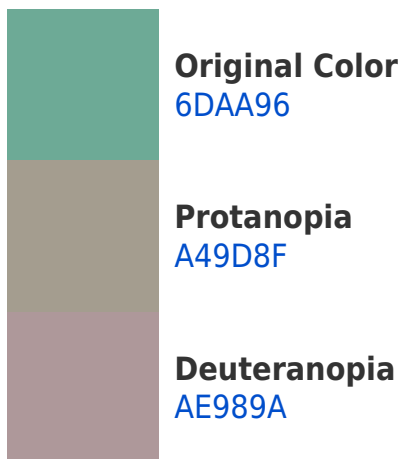


This preview shows how white text looks on a background with the Hex color 6DAA96.

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](#).

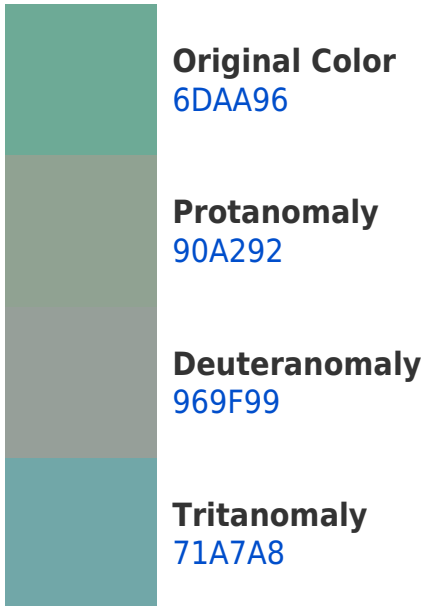
Dichromacy



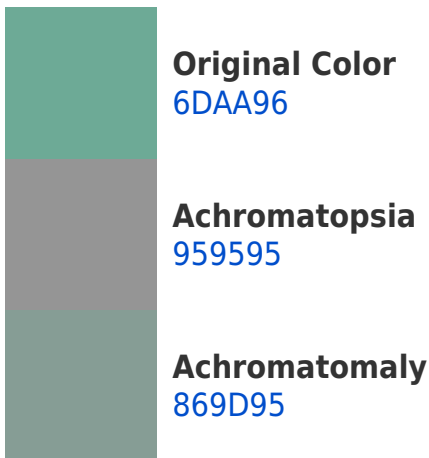


Tritanopia
74A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DAA96 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 #6DAA96 looks like.

```
.text, #text, p{  
    color:#6DAA96  
}
```

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 #6DAA96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DAA96
}
```

Border

The CSS property to change the border of an element to Hex 6DAA96 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
#6DAA96 }
```

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

```
.border{ border-color:#6DAA96 }
```

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

Here you see how a box with a 4 pixel #6DAA96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DAA96; -webkit-box-shadow:4px 4px  
4px 4px #6DAA96; box-shadow:4px 4px 4px  
4px #6DAA96 }
```

Background

The CSS property to change the background color of an element to Hex 6DAA96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DAA96 }
```

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

```
.background{ background-color:#6DAA96 }
```

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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