

Converting Colors

Hex(6A9868)

Have a look what the booklet for
Hex(6A9868) contains.

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Color

Hex(6A9868)

Conversions

Conversions Part 1

Format	Color
Hex	6A9868
RGB	106, 152, 104
RGB Percent	42%, 60%, 41%
CMY	0.5843, 0.4039, 0.5922
CMYK	0.30, 0.00, 0.32, 0.40
HSL	118°, 19%, 50%
HSV	118°, 32%, 60%
XYZ	19.6708, 26.5201, 17.1788
YIQ	132.7740, -12.0080, -24.6800

Conversions

Conversions Part 2

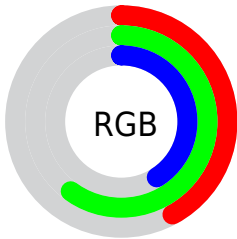
Format	Color
RYB	104, 152, 150
Decimal	6985832
CIELab	58.53, -25.48, 20.42
CIElCh	59, 32.660, 141.289
Yxy	26.5201, 0.3104, 0.4185
Android (android.graphics.Color)	4285175912 (0xFF6A9868)
YUV	132.7740, -14.1856, -23.4808
Hunter-Lab	51.4977, -21.9386, 16.2701

Details

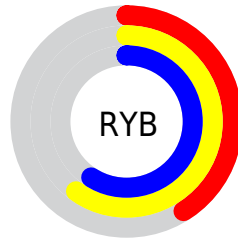
The Hex color **6A9868** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **966898**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9FCF9B**, and **386538** is the 20% darker color. If you saturate the color by 10%, you get **5B9859**, and if you desaturate by 10%, it is **799877**.

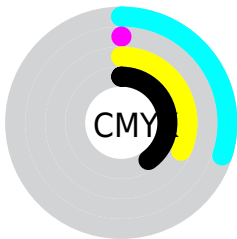
Distribution



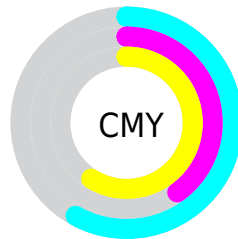
- Red (42%)
- Green (60%)
- Blue (41%)



- Red (41%)
- Yellow (60%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9868 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 6A9868 by changing the saturation by 10% instead.



6A9868



6A9868

FFFFFF



517E50



9FCF9B



386538



BAEBB6



204C22



D6FFD2



06350D



F3FFE9



002100



000000



6A9868



6A9868



5B9859



799877



4D984A



879886

 3E983A

 969896

 30982B

 A498A5

 21981C

 B398B4

 13980D

 C198C3

 069800

 D098D2

 DF98E2

 ED98F1

Harmonies

Analogous

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



8B9156



6A9868



459C83

Triad

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



6A9868



5592C5



C57779

Complementary

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



6A9868



966898

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.



BF7796



6A9868



8488C2

Square

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



6A9868



2199B9



A97EB1



BC7E61

Rectangle

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



6A9868



299C97



A97EB1



C47783

Sweetspot

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



6A9868



B3C4B3



989668



596359



E3E3E3



636363

Same Dimension

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



6A9868



7DC47A



68987E



454D45



068C00



010D00

Inverse Universe

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



966898



C17AC4



986882



4C454D



86008C



0C000D

Previews

White Background



This preview shows how the Hex color 6A9868 looks on a white background.

Color Contrast Check

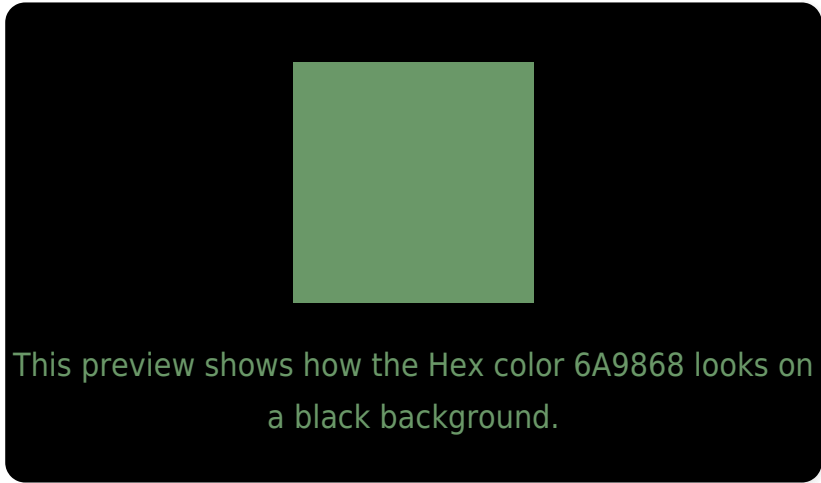
Large Text (above 18pt) WCAG AA ✓ Pass

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

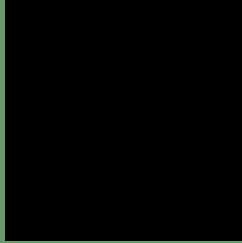
Any Text WCAG AA ✓ Pass

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 6A9868 Background



This preview shows how black text looks on a background with the Hex color 6A9868.




This preview shows how white text looks on a background with the Hex color 6A9868.

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



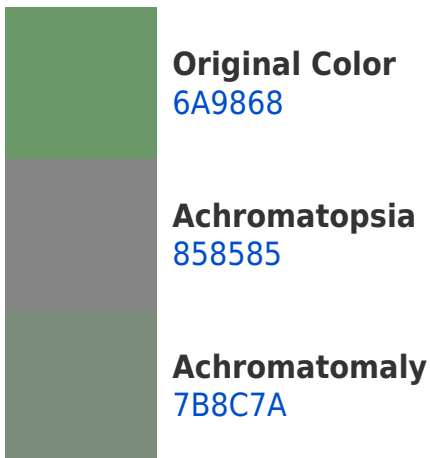


Tritanopia
74919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9868 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 #6A9868 looks like.

```
.text, #text, p{  
    color:#6A9868  
}
```

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 #6A9868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9868
}
```

Border

The CSS property to change the border of an element to Hex 6A9868 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
#6A9868 }
```

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

```
.border{ border-color:#6A9868 }
```

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

Here you see how a box with a 4 pixel #6A9868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9868; -webkit-box-shadow:4px 4px  
4px 4px #6A9868; box-shadow:4px 4px 4px  
4px #6A9868 }
```

Background

The CSS property to change the background color of an element to Hex 6A9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9868 }
```

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

```
.background{ background-color:#6A9868 }
```

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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