

Converting Colors

Hex(6A936E)

Have a look what the booklet for
Hex(6A936E) contains.

Hex(6A936E)	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(6A936E)

Conversions

Conversions Part 1

Format	Color
Hex	6A936E
RGB	106, 147, 110
RGB Percent	42%, 58%, 43%
CMY	0.5843, 0.4235, 0.5686
CMYK	0.28, 0.00, 0.25, 0.42
HSL	126°, 16%, 50%
HSV	126°, 28%, 58%
XYZ	19.1920, 25.0574, 18.5769
YIQ	130.5230, -12.5590, -20.1990

Conversions

Conversions Part 2

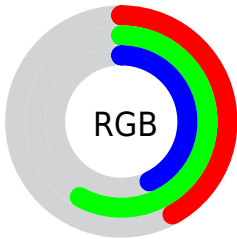
Format	Color
RYB	106, 143, 147
Decimal	6984558
CIELab	57.13, -21.89, 15.16
CIELCh	57, 26.625, 145.286
Yxy	25.0574, 0.3055, 0.3988
Android (android.graphics.Color)	4285174638 (0xFF6A936E)
YUV	130.5230, -10.1178, -21.5067
Hunter-Lab	50.0574, -19.1633, 13.0369

Details

The Hex color **6A936E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **936A8F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9EC9A2**, and **39603E** is the 20% darker color. If you saturate the color by 10%, you get **5B9361**, and if you desaturate by 10%, it is **79937B**.

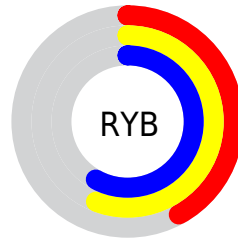
Distribution



Red (42%)

Green (58%)

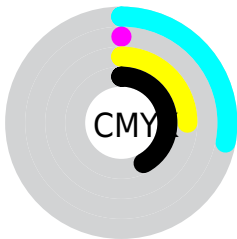
Blue (43%)



Red (42%)

Yellow (56%)

Blue (58%)

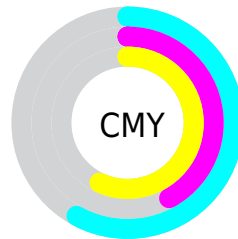


Cyan (28%)

Magenta (0%)

Yellow (25%)

Black (42%)



Cyan (58%)

Magenta (42%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A936E 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 6A936E by changing the saturation by 10% instead.



6A936E



6A936E

FFFFFF



517956



9EC9A2



39603E



B9E5BD



224828



D5FFD9



093113



F2FFF5



001E00



000000



6A936E



6A936E



5B9361



79937B



4D9353



879389

■ 3E9346

■ 969396

■ 2F9339

■ A593A3

■ 21932C

■ B493B0

■ 12931E

■ C293BE

■ 039311

■ D193CB

■ 00930E

■ E093D8

■ EE93E5

Harmonies

Analogous

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



858E5F



6A936E



4F9685

Triad

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



6A936E



658CB7



B77976

Complementary

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



6A936E



936A8F

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.



B4788E



6A936E



8784B3

Square

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



6A936E



4692AF



A37DA4



AF7F64

Rectangle

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



6A936E



419695



A37DA4



B8787E

Sweetspot

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



6A936E



B0BFB1



90936A



576158



E0E0E0



616161

Same Dimension

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



6A936E



80BF86



6A9382



434A43



008A0D



000A01

Inverse Universe

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



936A8F



BF80B9



936A7B



4A4349



8A007C



0A0009

Previews

White Background



This preview shows how the Hex color 6A936E looks on a white background.

Color Contrast Check

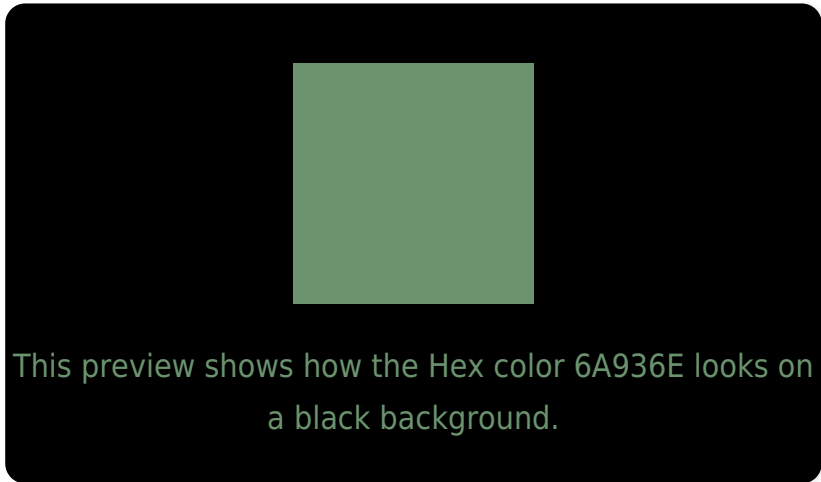
Large Text (above 18pt) WCAG AA ✓ Pass

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

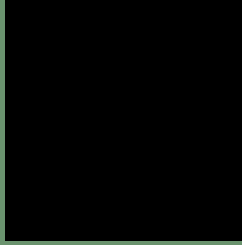
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

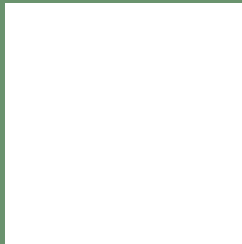
Any Text WCAG AAA × Fail

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

Hex 6A936E Background



This preview shows how black text looks on a background with the Hex color 6A936E.



This preview shows how white text looks on a background with the Hex color 6A936E.

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
728D99

Trichromacy



Original Color
6A936E

Protanomaly
838C6B

Deuteranomaly
8B8970

Tritanomaly
6F8F89

Monochromacy



Original Color
6A936E

Achromatopsia
838383

Achromatomaly
7A897B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A936E 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 #6A936E looks like.

```
.text, #text, p{  
    color:#6A936E  
}
```

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 #6A936E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A936E
}
```

Border

The CSS property to change the border of an element to Hex 6A936E 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
#6A936E }
```

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

```
.border{ border-color:#6A936E }
```

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

Here you see how a box with a 4 pixel #6A936E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A936E; -webkit-box-shadow:4px 4px  
4px 4px #6A936E; box-shadow:4px 4px 4px  
4px #6A936E }
```

Background

The CSS property to change the background color of an element to Hex 6A936E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A936E }
```

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

```
.background{ background-color:#6A936E }
```

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