

Converting Colors

Hex(61996E)

Have a look what the booklet for
Hex(61996E) contains.

Hex(61996E)	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(61996E)

Conversions

Conversions Part 1

Format	Color
Hex	61996E
RGB	97, 153, 110
RGB Percent	38%, 60%, 43%
CMY	0.6196, 0.4000, 0.5686
CMYK	0.37, 0.00, 0.28, 0.40
HSL	134°, 22%, 49%
HSV	134°, 37%, 60%
XYZ	19.1355, 26.4496, 18.8486
YIQ	131.3540, -19.5730, -25.2450

Conversions

Conversions Part 2

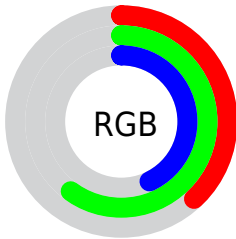
Format	Color
RYB	97, 142, 153
Decimal	6396270
CIELab	58.46, -27.91, 16.92
CIElCh	58, 32.635, 148.776
Yxy	26.4496, 0.2970, 0.4105
Android (android.graphics.Color)	4284586350 (0xFF61996E)
YUV	131.3540, -10.5275, -30.1285
Hunter-Lab	51.4292, -23.5859, 14.2709

Details

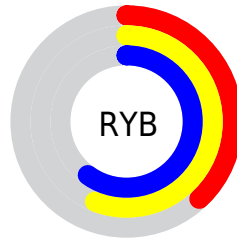
The Hex color **61996E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99618C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **96D0A2**, and **2F663E** is the 20% darker color. If you saturate the color by 10%, you get **529962**, and if you desaturate by 10%, it is **70997A**.

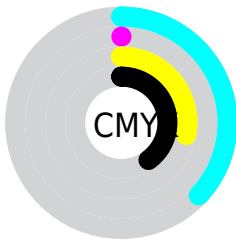
Distribution



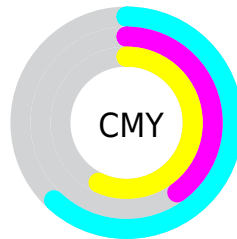
- Red (38%)
- Green (60%)
- Blue (43%)



- Red (38%)
- Yellow (56%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61996E 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 61996E by changing the saturation by 10% instead.



61996E



61996E

FFFFFF



487F56



96D0A2



2F663E



B1ECBD



144D28



CDFFD9



003613



E9FFF5



002100



000000



61996E



61996E



529962



70997A



429957



809985

■ 33994B

■ 8F9991

■ 24993F

■ 9E999D

■ 149933

■ AD99A9

■ 059928

■ BD99B4

■ 009924

■ CC99C0

■ DB99CC

■ EB99D8

Harmonies

Analogous

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



839359



61996E



3A9C8A

Triad

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



61996E



6190C5



C37973

Complementary

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



61996E



99618C

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.



C2768F



61996E



8E86BF

Square

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



61996E



2E97BD



B07CAB



B7815D

Rectangle

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



61996E



1E9C9E



B07CAB



C5777C

Sweetspot

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



61996E



B1C7B6



8D9961



57635A



E3E3E3



636363

Same Dimension

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



61996E



6FC784



619989



454D47



008C21



000D03

Inverse Universe

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



99618C



C76FB3



996171



4D454B



8C006C



0D000A

Previews

White Background



This preview shows how the Hex color 61996E looks on a white background.

Color Contrast Check

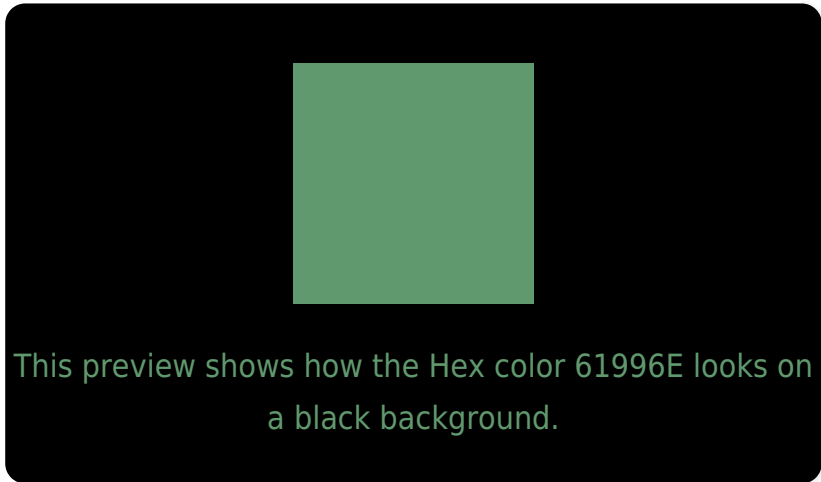
Large Text (above 18pt) WCAG AA ✓ Pass

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

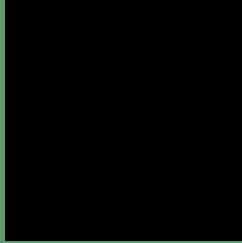
Any Text WCAG AA ✓ Pass

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 61996E Background



This preview shows how black text looks on a background with the Hex color 61996E.




This preview shows how white text looks on a background with the Hex color 61996E.

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](#).

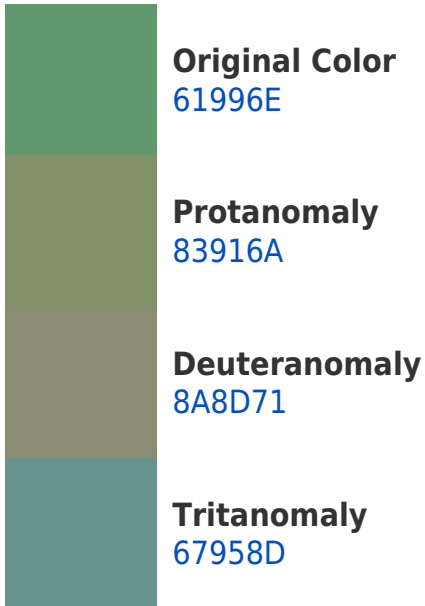
Dichromacy



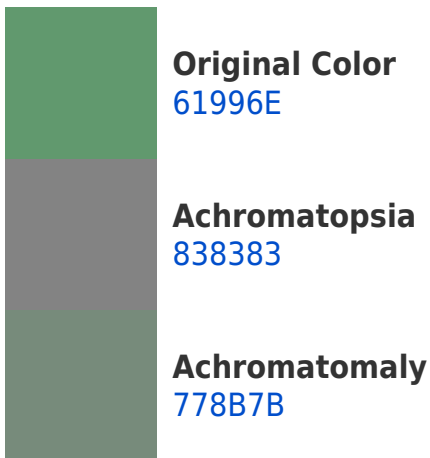


Tritanopia
6B939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61996E 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 #61996E looks like.

```
.text, #text, p{  
    color:#61996E  
}
```

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 #61996E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61996E
}
```

Border

The CSS property to change the border of an element to Hex 61996E 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
#61996E }
```

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

```
.border{ border-color:#61996E }
```

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

Here you see how a box with a 4 pixel #61996E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61996E; -webkit-box-shadow:4px 4px  
4px 4px #61996E; box-shadow:4px 4px 4px  
4px #61996E }
```

Background

The CSS property to change the background color of an element to Hex 61996E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61996E }
```

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

```
.background{ background-color:#61996E }
```

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