

Converting Colors

Hex(6AAA7E)

Have a look what the booklet for
Hex(6AAA7E) contains.

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Color

Hex(6AAA7E)

Conversions

Conversions Part 1

Format	Color
Hex	6AAA7E
RGB	106, 170, 126
RGB Percent	42%, 67%, 49%
CMY	0.5843, 0.3333, 0.5059
CMYK	0.38, 0.00, 0.26, 0.33
HSL	139°, 27%, 54%
HSV	139°, 38%, 67%
XYZ	24.0845, 33.3200, 24.9007
YIQ	145.8480, -24.0200, -27.2520

Conversions

Conversions Part 2

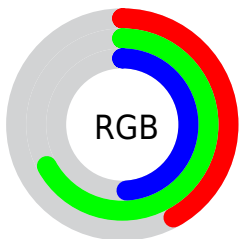
Format	Color
RYB	106, 155, 170
Decimal	6990462
CIELab	64.42, -30.23, 16.35
CIELCh	64, 34.371, 151.600
Yxy	33.3200, 0.2926, 0.4048
Android (android.graphics.Color)	4285180542 (0xFF6AAA7E)
YUV	145.8480, -9.7851, -34.9467
Hunter-Lab	57.7235, -26.5389, 14.8300

Details

The Hex color **6AAA7E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA6A96**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A0E2B3**, and **36754D** is the 20% darker color. If you saturate the color by 10%, you get **59AA72**, and if you desaturate by 10%, it is **7BAA8A**.

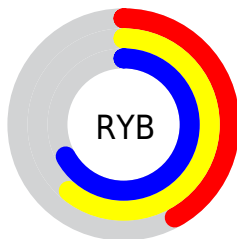
Distribution



Red (42%)

Green (67%)

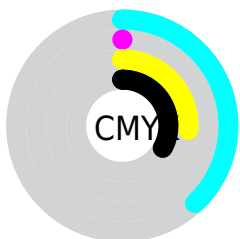
Blue (49%)



Red (42%)

Yellow (61%)

Blue (67%)

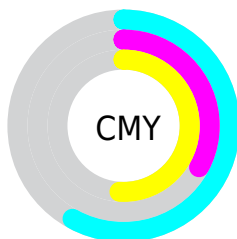


Cyan (38%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AAA7E 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 6AAA7E by changing the saturation by 10% instead.

 6AAA7E

 6AAA7E

FFFFFF

 508F65

 A0E2B3

 36754D

 BBFECE

 1B5C36

 D8FFEB

 004420

 F4FFFF

 002D0A

 001800

 000000

 6AAA7E

 6AAA7E

 59AA72

 7BAA8A

 48AA67

 8CAA95

 37AA5B

 9DAAA1

 26AA4F

 AEAAAD

 15AA44

 BFAAB8

 04AA38

 D0AAC4

 00AA35

 E1AAD0

 F2AADB

 FFAAE7

Harmonies

Analogous

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



8FA467



6AAA7E



41AD9D

Triad

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



6AAA7E



739FD9



D7877E

Complementary

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



6AAA7E



AA6A96

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.



D6849C



6AAA7E



A294D0

Square

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



6AAA7E



3EA7D1



C489BA



C89067

Rectangle

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



6AAA7E



27ACB2



C489BA



D88687

Sweetspot

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



6AAA7E



C5DECD



97AA6A



627066



F0F0F0



707070

Same Dimension

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



6AAA7E



7ADE99



6AAA9D



4C544E



00942E



001406

Inverse Universe

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



AA6A96



DE7ABF



AA6A77



544C52



940066



14000E

Previews

White Background



This preview shows how the Hex color 6AAA7E looks on a white background.

Color Contrast Check

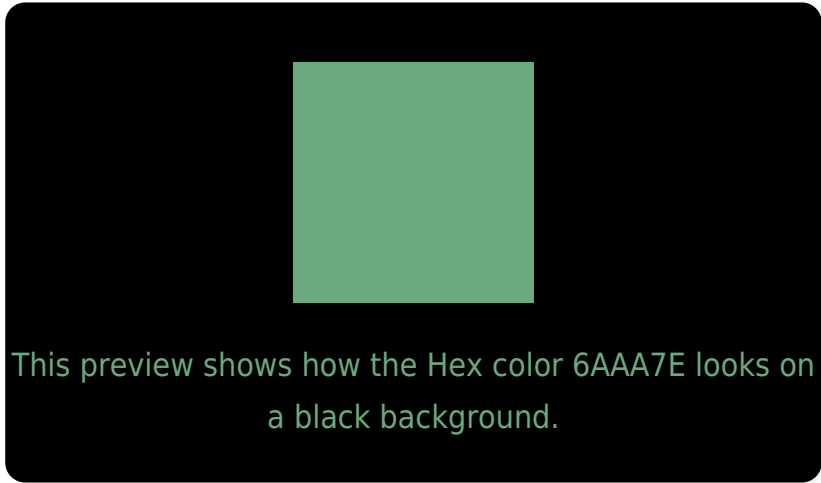
Large Text (above 18pt) WCAG AA × Fail

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 6AAA7E Background



This preview shows how black text looks on a background with the Hex color 6AAA7E.



This preview shows how white text looks on a background with the Hex color 6AAA7E.

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



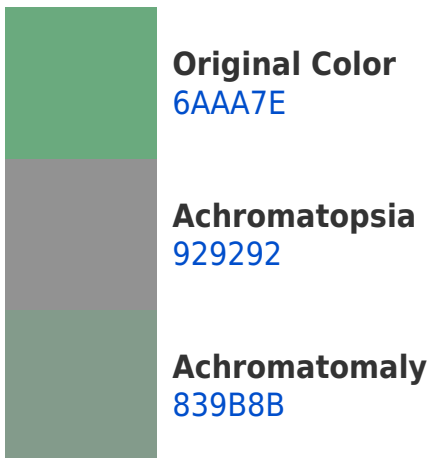


Tritanopia
75A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AAA7E 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 #6AAA7E looks like.

```
.text, #text, p{  
    color:#6AAA7E  
}
```

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 #6AAA7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAA7E
}
```

Border

The CSS property to change the border of an element to Hex 6AAA7E 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
#6AAA7E }
```

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

```
.border{ border-color:#6AAA7E }
```

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

Here you see how a box with a 4 pixel #6AAA7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAA7E; -webkit-box-shadow:4px 4px  
4px 4px #6AAA7E; box-shadow:4px 4px 4px  
4px #6AAA7E }
```

Background

The CSS property to change the background color of an element to Hex 6AAA7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAA7E }
```

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

```
.background{ background-color:#6AAA7E }
```

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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