

Converting Colors

Hex(6AAE7B)

Have a look what the booklet for
Hex(6AAE7B) contains.

Hex(6AAE7B)	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(6AAE7B)

Conversions

Conversions Part 1

Format	Color
Hex	6AAE7B
RGB	106, 174, 123
RGB Percent	42%, 68%, 48%
CMY	0.5843, 0.3176, 0.5176
CMYK	0.39, 0.00, 0.29, 0.32
HSL	135°, 30%, 55%
HSV	135°, 39%, 68%
XYZ	24.6551, 34.7663, 24.1500
YIQ	147.8540, -24.1570, -30.2770

Conversions

Conversions Part 2

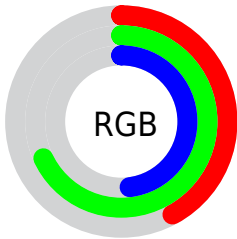
Format	Color
RYB	106, 160, 174
Decimal	6991483
CIELab	65.57, -32.70, 19.57
CIELCh	66, 38.107, 149.104
Yxy	34.7663, 0.2950, 0.4160
Android (android.graphics.Color)	4285181563 (0xFF6AAE7B)
YUV	147.8540, -12.2530, -36.7060
Hunter-Lab	58.9630, -28.5464, 16.9901

Details

The Hex color **6AAE7B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE6A9D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A0E6B0**, and **36794A** is the 20% darker color. If you saturate the color by 10%, you get **59AE6E**, and if you desaturate by 10%, it is **7BAE88**.

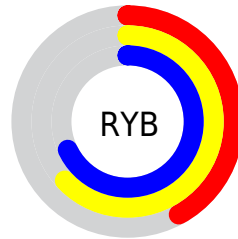
Distribution



Red (42%)

Green (68%)

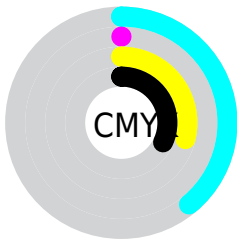
Blue (48%)



Red (42%)

Yellow (63%)

Blue (68%)

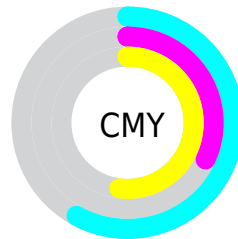


Cyan (39%)

Magenta (0%)

Yellow (29%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AAE7B 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 6AAE7B by changing the saturation by 10% instead.

 6AAE7B

 6AAE7B

FFFFFF

 509362

 A0E6B0

 36794A

 BCFFCB

 1A6033

 D8FFE7

 00481D

 F5FFFF

 003006

 001C00

 000000

 6AAE7B

 6AAE7B

 59AE6E

 7BAE88

 47AE61

 8DAE95

 36AE54

 9EAEA2

 24AE47

 B0AEAF

 13AE3A

 C1AEBC

 02AE2D

 D2AEC9

 00AE2C

 E4AED6

 F5AEE3

 FFAEF0

Harmonies

Analogous

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



93A762



6AAE7B



37B19D

Triad

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



6AAE7B



6AA3E3



E08780

Complementary

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



6AAE7B



AE6A9D

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.



DE84A2



6AAE7B



A197DB

Square

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



6AAE7B



1FACD9



C98BC3



D19166

Rectangle

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



6AAE7B



00B1B4



C98BC3



E2858B

Sweetspot

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



6AAE7B



C8E3CF



9DAE6A



637367



F2F2F2



737373

Same Dimension

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



6AAE7B



78E393



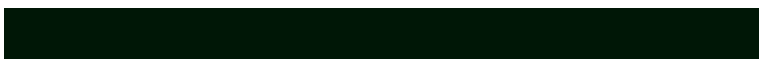
6AAE9D



4E5750



009626



001706

Inverse Universe

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



AE6A9D



E378C8



AE6A7B



574E55



960071



170011

Previews

White Background



This preview shows how the Hex color 6AAE7B looks on a white background.

Color Contrast Check

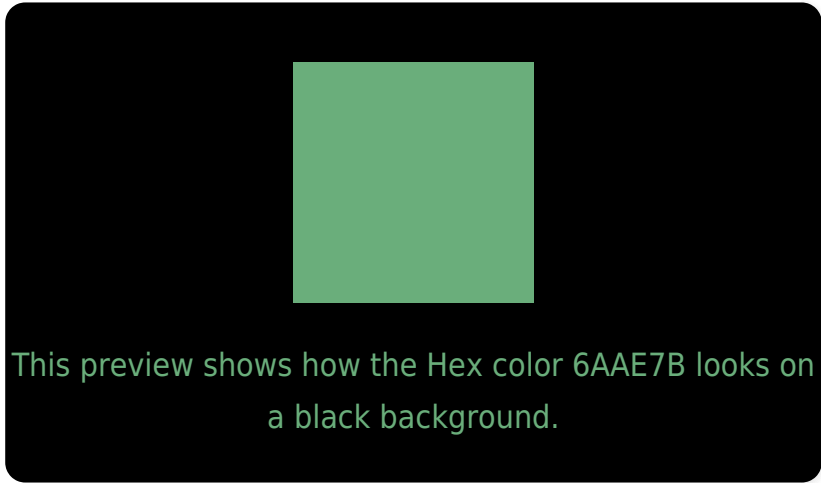
Large Text (above 18pt) WCAG AA × Fail

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 6AAE7B Background



This preview shows how black text looks on a background with the Hex color 6AAE7B.



This preview shows how white text looks on a background with the Hex color 6AAE7B.

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](#).

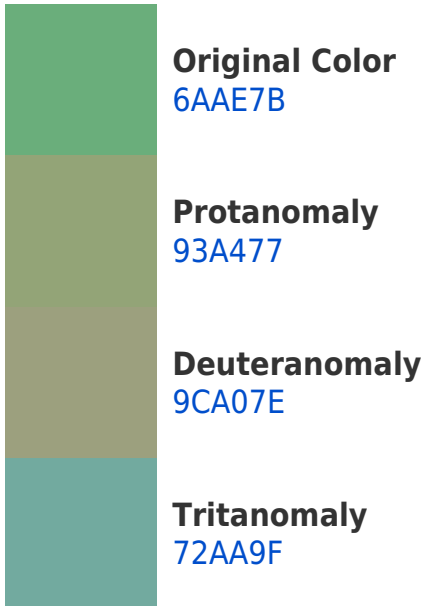
Dichromacy



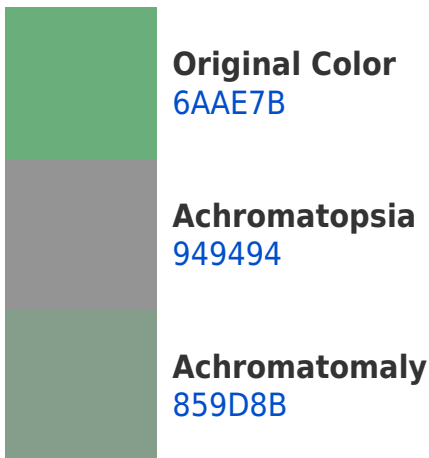


Tritanopia
76A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AAE7B 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 #6AAE7B looks like.

```
.text, #text, p{  
    color:#6AAE7B  
}
```

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 #6AAE7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAE7B
}
```

Border

The CSS property to change the border of an element to Hex 6AAE7B 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
#6AAE7B }
```

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

```
.border{ border-color:#6AAE7B }
```

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

Here you see how a box with a 4 pixel #6AAE7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAE7B; -webkit-box-shadow:4px 4px  
4px 4px #6AAE7B; box-shadow:4px 4px 4px  
4px #6AAE7B }
```

Background

The CSS property to change the background color of an element to Hex 6AAE7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAE7B }
```

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

```
.background{ background-color:#6AAE7B }
```

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