

Converting Colors

Hex(6AAF8B)

Have a look what the booklet for
Hex(6AAF8B) contains.

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Color

Hex(6AAF8B)

Conversions

Conversions Part 1

Format	Color
Hex	6AAF8B
RGB	106, 175, 139
RGB Percent	42%, 69%, 55%
CMY	0.5843, 0.3137, 0.4549
CMYK	0.39, 0.00, 0.21, 0.31
HSL	149°, 30%, 55%
HSV	149°, 39%, 69%
XYZ	25.9340, 35.5882, 29.9284
YIQ	150.2650, -29.5680, -25.8240

Conversions

Conversions Part 2

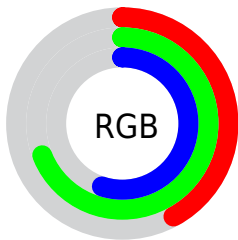
Format	Color
RYB	106, 153, 175
Decimal	6991755
CIELab	66.20, -30.03, 11.69
CIELCh	66, 32.224, 158.724
Yxy	35.5882, 0.2836, 0.3892
Android (android.graphics.Color)	4285181835 (0xFF6AAF8B)
YUV	150.2650, -5.5536, -38.8204
Hunter-Lab	59.6558, -26.7989, 12.0142

Details

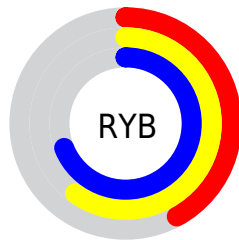
The Hex color **6AAF8B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF6A8E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A0E7C1**, and **367A59** is the 20% darker color. If you saturate the color by 10%, you get **59AF82**, and if you desaturate by 10%, it is **7CAF94**.

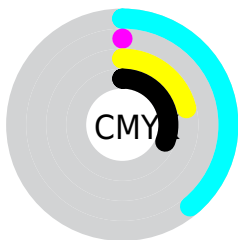
Distribution



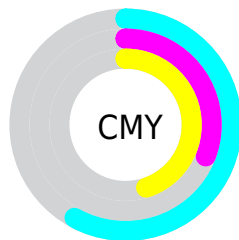
- Red (42%)
- Green (69%)
- Blue (55%)



- Red (42%)
- Yellow (60%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (31%)



- Cyan (58%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AAF8B 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 6AAF8B by changing the saturation by 10% instead.



6AAF8B



6AAF8B

FFFFFF



509471



A0E7C1



367A59



BCFFDC



196141



D8FFF9



00492B



F5FFFF



003117



001E00



000000



6AAF8B



6AAF8B



59AF82



7CAF94

 47AF79

 8DAF9D

 36AF70

 9FAFA6

 24AF66

 B0AFB0

 13AF5D

 C2AFB9

 01AF54

 D3AFC2

 00AF54

 E5AFCB

 F6AFD4

 FFAFDD

Harmonies

Analogous

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



8DAA73



6AAF8B



48B1A9

Triad

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



6AAF8B



86A1DA



D78F7E

Complementary

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



6AAF8B



AF6A8E

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.



DA8B99



6AAF8B



B096CE

Square

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



6AAF8B



59AAD6



CC8EB7



C6986C

Rectangle

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



6AAF8B



3BB0BC



CC8EB7



D98D87

Sweetspot

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



6AAF8B



C8E3D5



8FAF6A



63736A



F2F2F2



737373

Same Dimension

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



6AAF8B



78E3AB



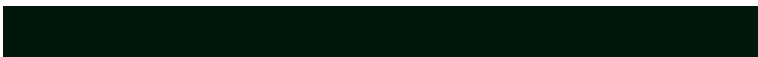
6AAFAD



4E5752



009648



00170B

Inverse Universe

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



AF6A8E



E378B0



AF6A6C



574E53



96004E



17000C

Previews

White Background



This preview shows how the Hex color 6AAF8B looks on a white background.

Color Contrast Check

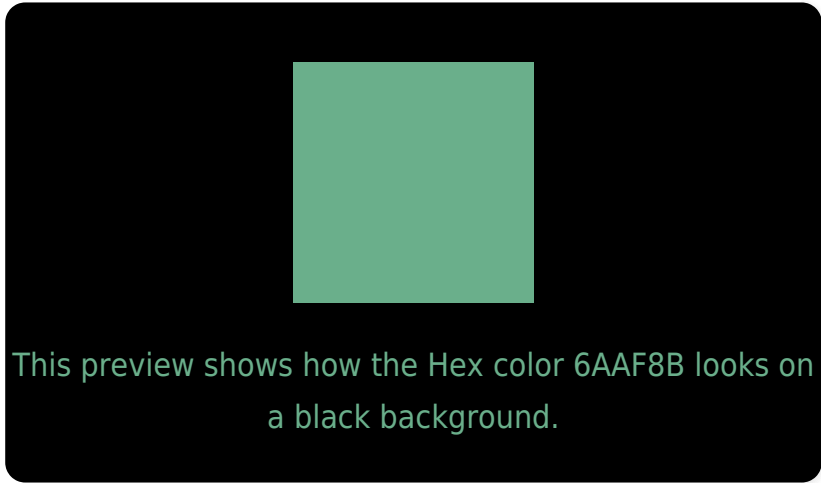
Large Text (above 18pt) WCAG AA × Fail

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

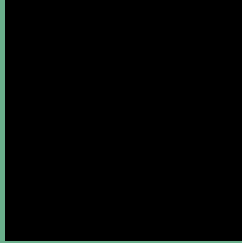
Any Text WCAG AA ✓ Pass

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 6AAF8B Background



This preview shows how black text looks on a background with the Hex color 6AAF8B.

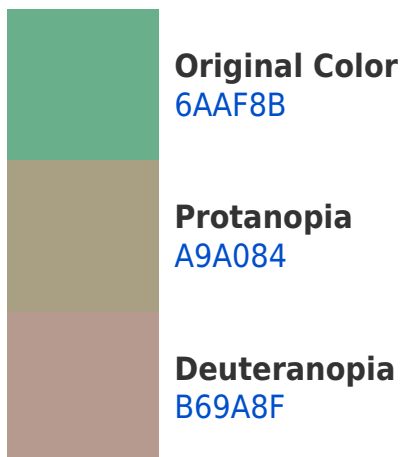


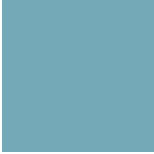
This preview shows how white text looks on a background with the Hex color 6AAF8B.

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](#).

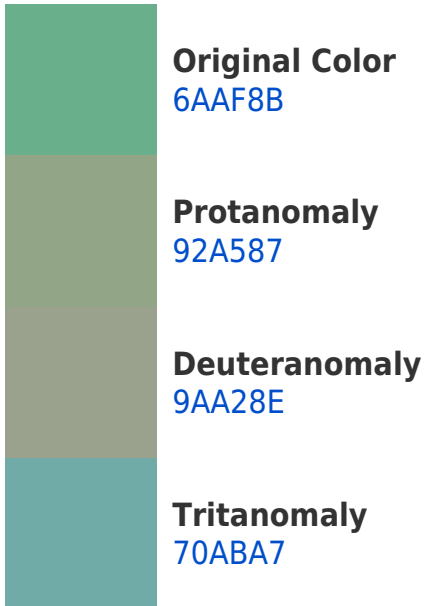
Dichromacy



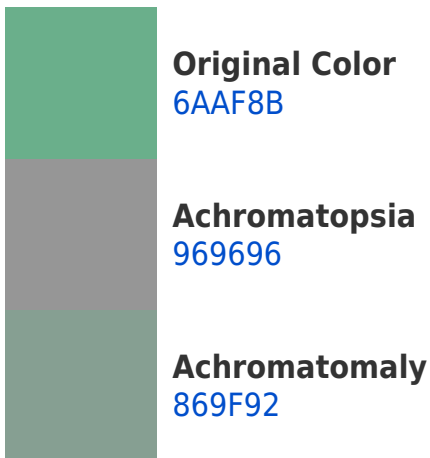


Tritanopia
74A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AAF8B 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 #6AAF8B looks like.

```
.text, #text, p{  
    color:#6AAF8B  
}
```

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 #6AAF8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAF8B
}
```

Border

The CSS property to change the border of an element to Hex 6AAF8B 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
#6AAF8B }
```

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

```
.border{ border-color:#6AAF8B }
```

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

Here you see how a box with a 4 pixel #6AAF8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAF8B; -webkit-box-shadow:4px 4px  
4px 4px #6AAF8B; box-shadow:4px 4px 4px  
4px #6AAF8B }
```

Background

The CSS property to change the background color of an element to Hex 6AAF8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAF8B }
```

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

```
.background{ background-color:#6AAF8B }
```

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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