

Converting Colors

Hex(6AA680)

Have a look what the booklet for
Hex(6AA680) contains.

Hex(6AA680)	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(6AA680)

Conversions

Conversions Part 1

Format	Color
Hex	6AA680
RGB	106, 166, 128
RGB Percent	42%, 65%, 50%
CMY	0.5843, 0.3490, 0.4980
CMYK	0.36, 0.00, 0.23, 0.35
HSL	142°, 25%, 53%
HSV	142°, 36%, 65%
XYZ	23.4764, 31.8951, 25.3411
YIQ	143.7280, -23.5620, -24.5380

Conversions

Conversions Part 2

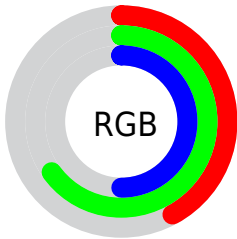
Format	Color
RYB	106, 150, 166
Decimal	6989440
CIELab	63.26, -27.91, 13.63
CIELCh	63, 31.056, 153.976
Yxy	31.8951, 0.2909, 0.3952
Android (android.graphics.Color)	4285179520 (0xFF6AA680)
YUV	143.7280, -7.7539, -33.0875
Hunter-Lab	56.4758, -24.6321, 12.9292

Details

The Hex color **6AA680** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A66A90**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9FDDB5**, and **37724F** is the 20% darker color. If you saturate the color by 10%, you get **59A675**, and if you desaturate by 10%, it is **7BA68B**.

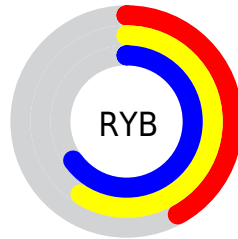
Distribution



Red (42%)

Green (65%)

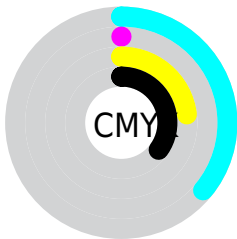
Blue (50%)



Red (42%)

Yellow (59%)

Blue (65%)

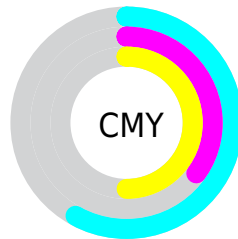


Cyan (36%)

Magenta (0%)

Yellow (23%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA680 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 6AA680 by changing the saturation by 10% instead.

 6AA680

 6AA680

FFFFFF

 508B67

 9FDDB5

 37724F

 BBFAD0

 1D5938

 D7FFED

 004122

 F4FFFF

 002A0D

 001400

 000000

 6AA680

 6AA680

 59A675

 7BA68B

 49A66B

 8BA695

 38A660

 9CA6A0

 28A656

 ACA6AA

 17A64B

 BDA6B5

 06A641

 CEA6BF

 00A63D

 DEA6CA

 EFA6D4

 FFA6DF

Harmonies

Analogous

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



8BA16A



6AA680



49A89C

Triad

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



6AA680



799BD0



CE877C

Complementary

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



6AA680



A66A90

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.



CE8496



6AA680



A291C7

Square

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



6AA680



4EA2CA



BF88B2



C08F68

Rectangle

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



6AA680



39A8AF



BF88B2



D08584

Sweetspot

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



6AA680



C1D9CA



90A66A



5F6E65



EDEDED



6E6E6E

Same Dimension

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



6AA680



7CD99E



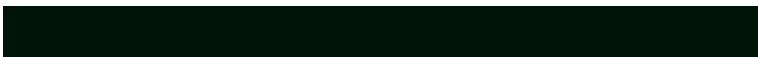
6AA69E



4C544F



009436



001407

Inverse Universe

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



A66A90



D97CB7



A66A72



544C51



94005E



14000D

Previews

White Background



This preview shows how the Hex color 6AA680 looks on a white background.

Color Contrast Check

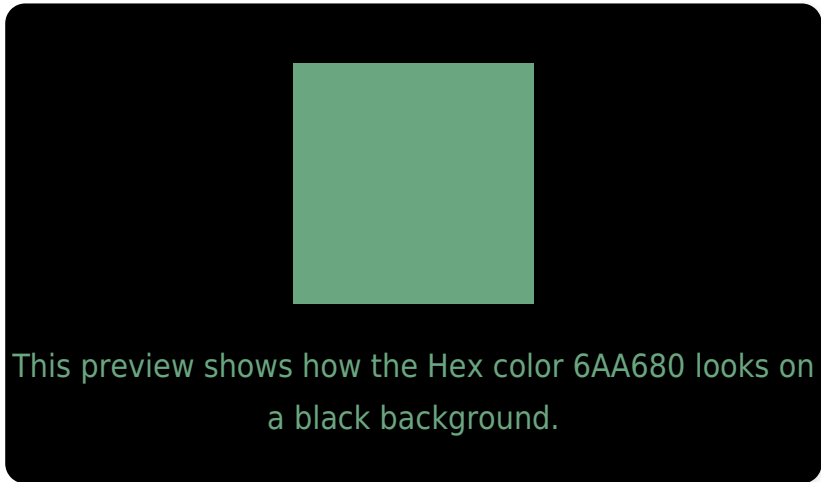
Large Text (above 18pt) WCAG AA × Fail

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

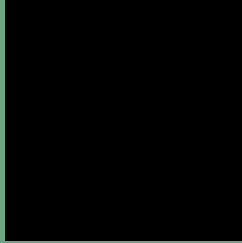
Any Text WCAG AA ✓ Pass

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 6AA680 Background



This preview shows how black text looks on a background with the Hex color 6AA680.

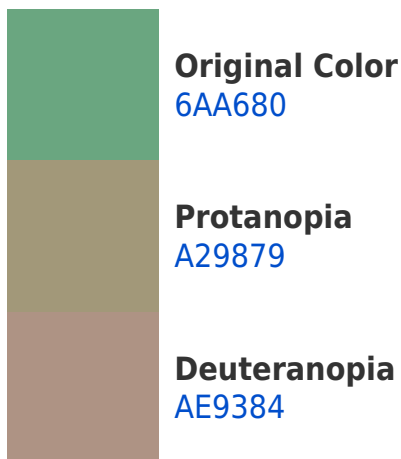


This preview shows how white text looks on a background with the Hex color 6AA680.

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](#).

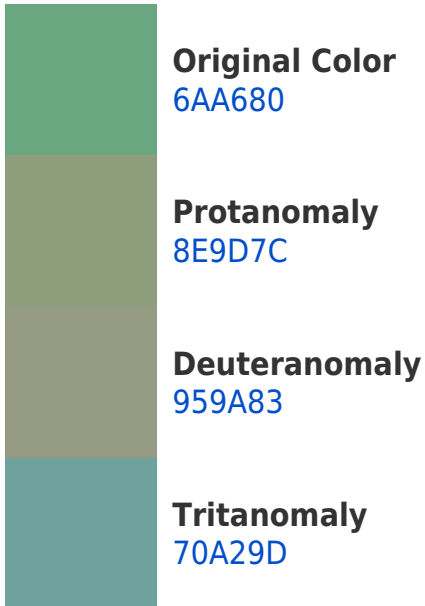
Dichromacy



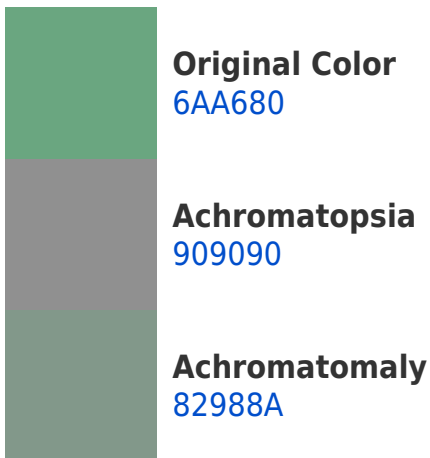


Tritanopia
74A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA680 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 #6AA680 looks like.

```
.text, #text, p{  
    color:#6AA680  
}
```

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 #6AA680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA680
}
```

Border

The CSS property to change the border of an element to Hex 6AA680 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
#6AA680 }
```

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

```
.border{ border-color:#6AA680 }
```

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

Here you see how a box with a 4 pixel #6AA680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA680; -webkit-box-shadow:4px 4px  
4px 4px #6AA680; box-shadow:4px 4px 4px  
4px #6AA680 }
```

Background

The CSS property to change the background color of an element to Hex 6AA680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA680 }
```

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

```
.background{ background-color:#6AA680 }
```

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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