

Converting Colors

Hex(6AA278)

Have a look what the booklet for
Hex(6AA278) contains.

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Color

Hex(6AA278)

Conversions

Conversions Part 1

Format	Color
Hex	6AA278
RGB	106, 162, 120
RGB Percent	42%, 64%, 47%
CMY	0.5843, 0.3647, 0.5294
CMYK	0.35, 0.00, 0.26, 0.36
HSL	135°, 23%, 53%
HSV	135°, 35%, 64%
XYZ	22.2544, 30.2609, 22.4373
YIQ	140.4680, -19.8940, -24.9340

Conversions

Conversions Part 2

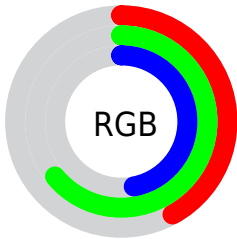
Format	Color
RYB	106, 151, 162
Decimal	6988408
CIELab	61.88, -27.51, 16.14
CIELCh	62, 31.896, 149.598
Yxy	30.2609, 0.2969, 0.4037
Android (android.graphics.Color)	4285178488 (0xFF6AA278)
YUV	140.4680, -10.0907, -30.2284
Hunter-Lab	55.0099, -24.0549, 14.3239

Details

The Hex color **6AA278** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A26A94**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9FD9AC**, and **376E47** is the 20% darker color. If you saturate the color by 10%, you get **5AA26C**, and if you desaturate by 10%, it is **7AA284**.

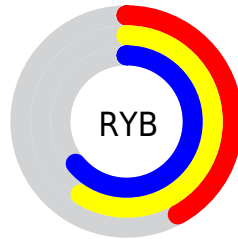
Distribution



Red (42%)

Green (64%)

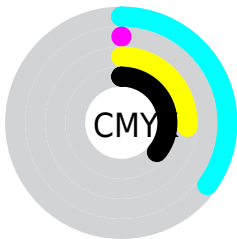
Blue (47%)



Red (42%)

Yellow (59%)

Blue (64%)

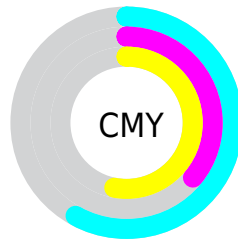


Cyan (35%)

Magenta (0%)

Yellow (26%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA278 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 6AA278 by changing the saturation by 10% instead.



6AA278



6AA278

FFFFFF



50885F



9FD9AC



376E47



BBF6C8



1E5531



D7FFE4



003E1B



F4FFFF



002702



000D00



000000



6AA278



6AA278



5AA26C



7AA284

 4AA260

 8AA290

 39A254

 9BA29C

 29A247

 ABA2A9

 19A23B

 BBA2B5

 09A22F

 CBA2C1

 00A229

 DBA2CD

 ECA2D9

 FCA2E5

Harmonies

Analogous

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



8B9C64



6AA278



47A594

Triad

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



6AA278



6D98CE



CC827B

Complementary

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



6AA278



A26A94

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.



CA8097



6AA278



988EC7

Square

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



6AA278



40A0C5



B985B3



C08A66

Rectangle

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



6AA278



32A5A7



B985B3



CD8184

Sweetspot

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



6AA278



BED4C4



94A26A



5E6B61



EBEBEB



6B6B6B

Same Dimension

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



6AA278



7DD493



6AA294



49524B



009124



001204

Inverse Universe

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



A26A94



D47DBE



A26A78



524950



91006D



12000D

Previews

White Background



This preview shows how the Hex color 6AA278 looks on a white background.

Color Contrast Check

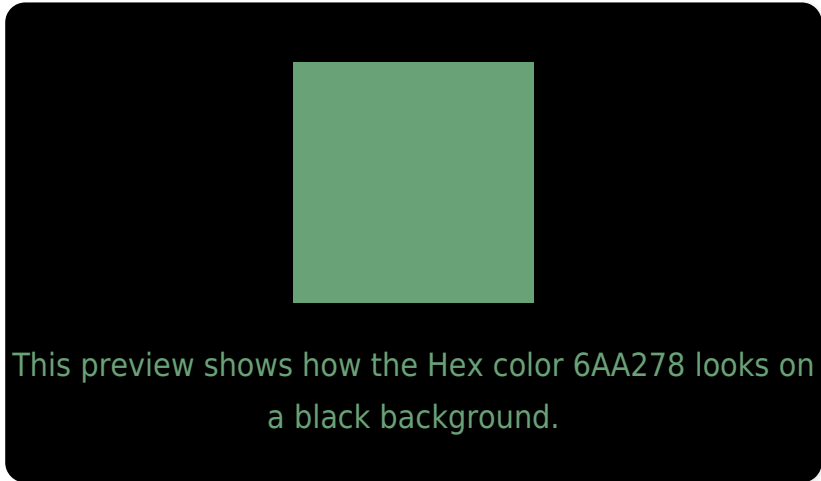
Large Text (above 18pt) WCAG AA × Fail

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

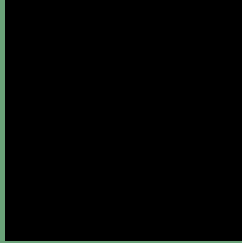
Any Text WCAG AA ✓ Pass

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 6AA278 Background



This preview shows how black text looks on a background with the Hex color 6AA278.

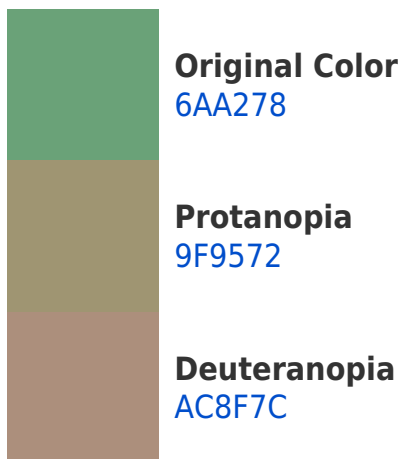


This preview shows how white text looks on a background with the Hex color 6AA278.

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](#).

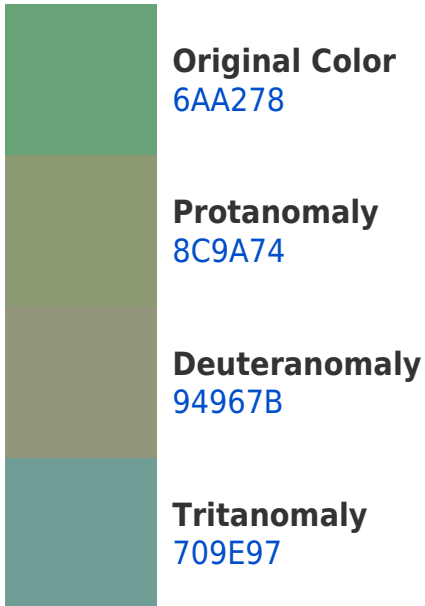
Dichromacy



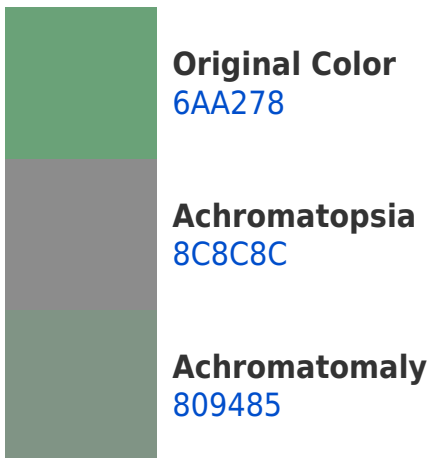


Tritanopia
749CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA278 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 #6AA278 looks like.

```
.text, #text, p{  
    color:#6AA278  
}
```

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 #6AA278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA278
}
```

Border

The CSS property to change the border of an element to Hex 6AA278 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
#6AA278 }
```

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

```
.border{ border-color:#6AA278 }
```

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

Here you see how a box with a 4 pixel #6AA278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA278; -webkit-box-shadow:4px 4px  
4px 4px #6AA278; box-shadow:4px 4px 4px  
4px #6AA278 }
```

Background

The CSS property to change the background color of an element to Hex 6AA278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA278 }
```

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

```
.background{ background-color:#6AA278 }
```

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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