

Converting Colors

Hex(6AA187)

Have a look what the booklet for
Hex(6AA187) contains.

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Color

Hex(6AA187)

Conversions

Conversions Part 1

Format	Color
Hex	6AA187
RGB	106, 161, 135
RGB Percent	42%, 63%, 53%
CMY	0.5843, 0.3686, 0.4706
CMYK	0.34, 0.00, 0.16, 0.37
HSL	152°, 23%, 52%
HSV	152°, 34%, 63%
XYZ	23.0619, 30.3032, 27.5553
YIQ	141.5910, -24.4340, -19.7460

Conversions

Conversions Part 2

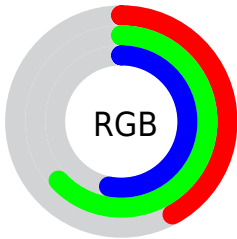
Format	Color
RYB	106, 142, 161
Decimal	6988167
CIELab	61.91, -23.98, 7.83
CIELCh	62, 25.229, 161.919
Yxy	30.3032, 0.2850, 0.3745
Android (android.graphics.Color)	4285178247 (0xFF6AA187)
YUV	141.5910, -3.2494, -31.2133
Hunter-Lab	55.0483, -21.5539, 8.8553

Details

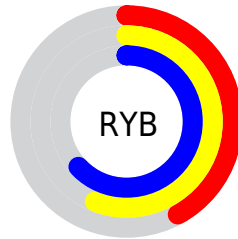
The Hex color **6AA187** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A16A84**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9FD8BC**, and **386D55** is the 20% darker color. If you saturate the color by 10%, you get **5AA17F**, and if you desaturate by 10%, it is **7AA18F**.

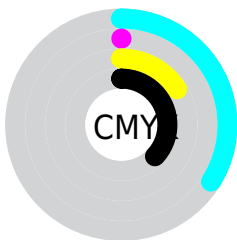
Distribution



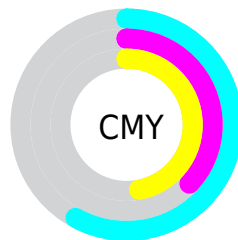
- Red (42%)
- Green (63%)
- Blue (53%)



- Red (42%)
- Yellow (56%)
- Blue (63%)



- Cyan (34%)
- Magenta (0%)
- Yellow (16%)
- Black (37%)



- Cyan (58%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA187 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 6AA187 by changing the saturation by 10% instead.



6AA187



6AA187

FFFFFF



51876E



9FD8BC



386D55



BAF5D8



1E543E



D7FFF4



013D28



F3FFFF



002714



000D00



000000



6AA187



6AA187



5AA17F



7AA18F

 4AA178

 8AA196

 3AA170

 9AA19E

 2AA169

 AAA1A5

 1AA161

 BBA1AD

 09A159

 CBA1B5

 00A155

 DBA1BC

 EBA1C4

 FBA1CB

Harmonies

Analogous

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



849D74



6AA187



56A29E

Triad

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



6AA187



8695C1



BF8979

Complementary

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



6AA187



A16A84

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.



C3858D



6AA187



A48DB7

Square

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



6AA187



679CBF



B987A4



B2906C

Rectangle

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



6AA187



51A1AC



B987A4



C2877F

Sweetspot

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



6AA187



BCD1C7



85A16A



5C6963



E8E8E8



696969

Same Dimension

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



6AA187



7BD1A9



6AA0A1



49524E



00914D



001209

Inverse Universe

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



A16A84



D17BA4



A16B6A



52494D



910045



120008

Previews

White Background



This preview shows how the Hex color 6AA187 looks on a white background.

Color Contrast Check

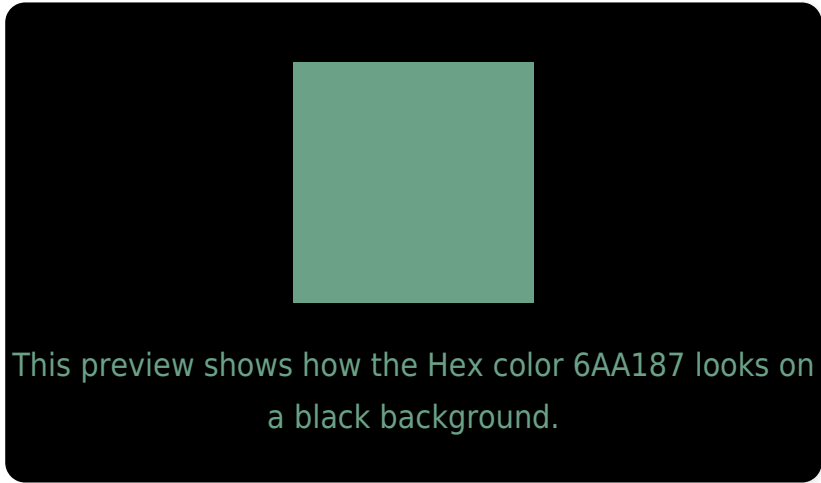
Large Text (above 18pt) WCAG AA × Fail

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

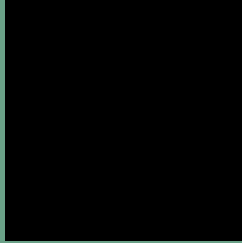
Any Text WCAG AA ✓ Pass

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 6AA187 Background



This preview shows how black text looks on a background with the Hex color 6AA187.

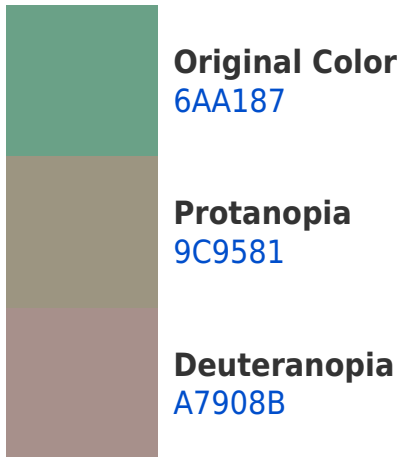


This preview shows how white text looks on a background with the Hex color 6AA187.

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](#).

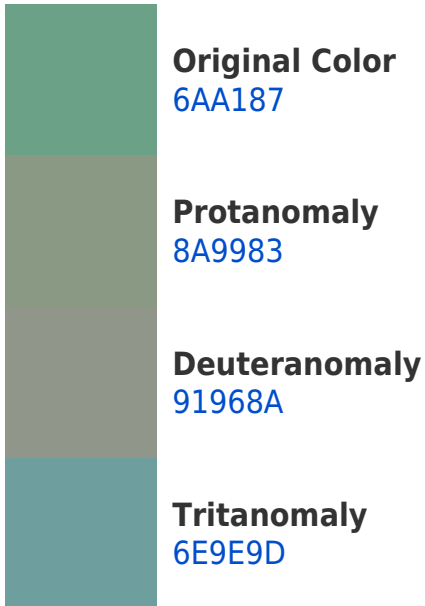
Dichromacy



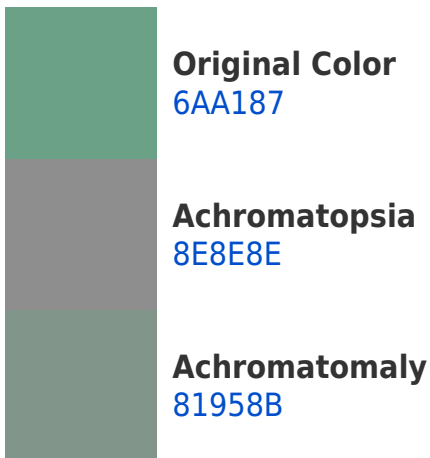


Tritanopia
719CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA187 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 #6AA187 looks like.

```
.text, #text, p{  
    color:#6AA187  
}
```

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 #6AA187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA187
}
```

Border

The CSS property to change the border of an element to Hex 6AA187 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
#6AA187 }
```

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

```
.border{ border-color:#6AA187 }
```

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

Here you see how a box with a 4 pixel #6AA187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA187; -webkit-box-shadow:4px 4px  
4px 4px #6AA187; box-shadow:4px 4px 4px  
4px #6AA187 }
```

Background

The CSS property to change the background color of an element to Hex 6AA187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA187 }
```

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

```
.background{ background-color:#6AA187 }
```

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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