

Converting Colors

Hex(6996AA)

Have a look what the booklet for
Hex(6996AA) contains.

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Color

Hex(6996AA)

Conversions

Conversions Part 1

Format	Color
Hex	6996AA
RGB	105, 150, 170
RGB Percent	41%, 59%, 67%
CMY	0.5882, 0.4118, 0.3333
CMYK	0.38, 0.12, 0.00, 0.33
HSL	198°, 28%, 54%
HSV	198°, 38%, 67%
XYZ	23.9877, 27.7182, 42.1161
YIQ	138.8250, -33.2400, -3.3200

Conversions

Conversions Part 2

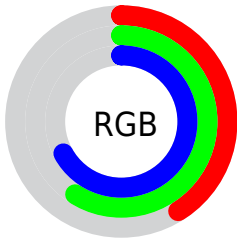
Format	Color
RYB	105, 132, 170
Decimal	6919850
CIELab	59.63, -10.03, -15.32
CIElCh	60, 18.311, 236.787
Yxy	27.7182, 0.2557, 0.2954
Android (android.graphics.Color)	4285109930 (0xFF6996AA)
YUV	138.8250, 15.3693, -29.6645
Hunter-Lab	52.6481, -10.8053, -10.5756

Details

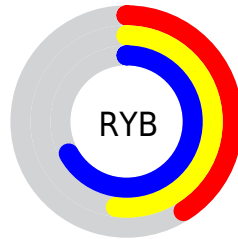
The Hex color **6996AA** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AA7D69**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9FCCE1**, and **356376** is the 20% darker color. If you saturate the color by 10%, you get **5891AA**, and if you desaturate by 10%, it is **7A9BAA**.

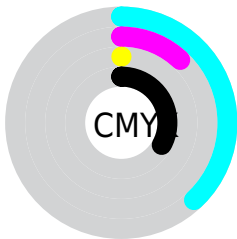
Distribution



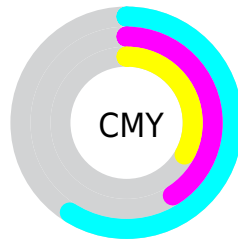
- Red (41%)
- Green (59%)
- Blue (67%)



- Red (41%)
- Yellow (52%)
- Blue (67%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (59%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6996AA 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 6996AA by changing the saturation by 10% instead.

6996AA

6996AA

FFFFFF

4F7C8F

9FCCE1

356376

BAE8FE

1A4B5D

D7FFFF

003546

F3FFFF

001F2F

00011B

000000

6996AA

6996AA

5891AA

7A9BAA

■ 478CAA

■ 8BA0AA

■ 3686AA

■ 9CA6AA

■ 2581AA

■ ADABAA

■ 147CAA

■ BEB0AA

■ 0377AA

■ CFB5AA

■ 0076AA

■ E0BBAA

■ F1C0AA

■ FFC5AA

Harmonies

Analogous

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



63989D



6996AA



7B92AF

Triad

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



6996AA



AE8492



8C9373

Complementary

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



6996AA



AA7D69

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.



9E8E70



6996AA



B18582

Square

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



6996AA



A387A1



AB8975



7A977E

Rectangle

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



6996AA



898EAE



AB8975



929171

Sweetspot

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



6996AA



C5D6DE



69AA7C



626C70



F0F0F0



707070

Same Dimension

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



6996AA



78BEDE



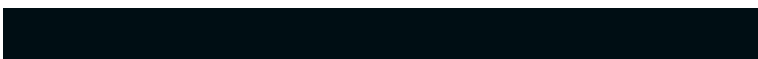
6976AA



4C5254



006694



000E14

Inverse Universe

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



AA6996



DE78BE



AA9D69



544C52



940066



14000E

Previews

White Background



This preview shows how the Hex color 6996AA looks on a white background.

Color Contrast Check

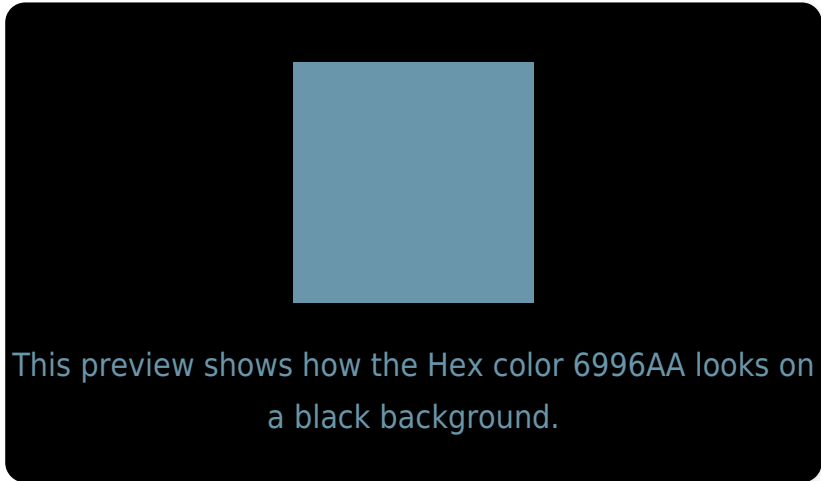
Large Text (above 18pt) WCAG AA ✓ Pass

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

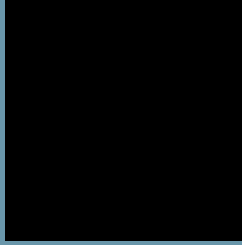
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

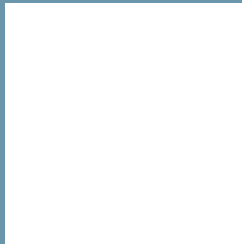
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6996AA Background



This preview shows how black text looks on a background with the Hex color 6996AA.

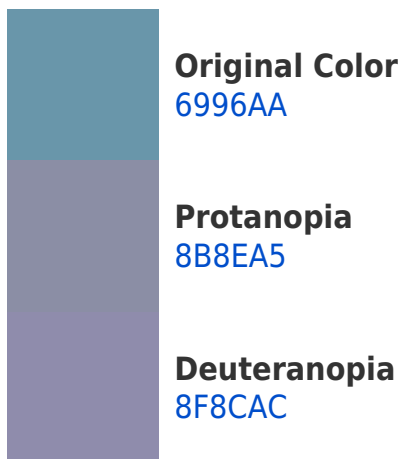


This preview shows how white text looks on a background with the Hex color 6996AA.

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](#).

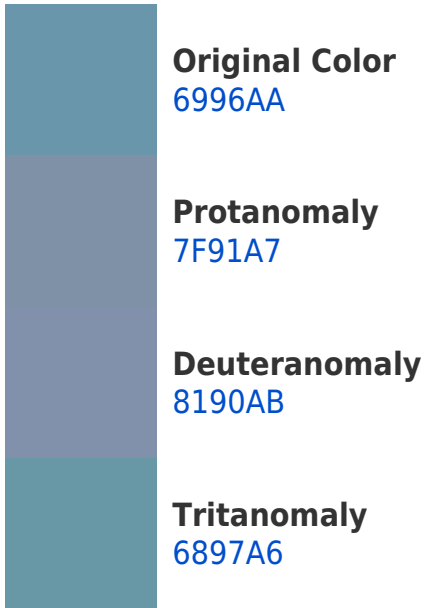
Dichromacy





Tritanopia
6797A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6996AA 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 #6996AA looks like.

```
.text, #text, p{  
    color:#6996AA  
}
```

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 #6996AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6996AA
}
```

Border

The CSS property to change the border of an element to Hex 6996AA 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
#6996AA }
```

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

```
.border{ border-color:#6996AA }
```

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

Here you see how a box with a 4 pixel #6996AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6996AA; -webkit-box-shadow:4px 4px  
4px 4px #6996AA; box-shadow:4px 4px 4px  
4px #6996AA }
```

Background

The CSS property to change the background color of an element to Hex 6996AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6996AA }
```

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

```
.background{ background-color:#6996AA }
```

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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