

Converting Colors

Hex(4978AA)

Have a look what the booklet for
Hex(4978AA) contains.

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Color

Hex(4978AA)

Conversions

Conversions Part 1

Format	Color
Hex	4978AA
RGB	73, 120, 170
RGB Percent	29%, 47%, 67%
CMY	0.7137, 0.5294, 0.3333
CMYK	0.57, 0.29, 0.00, 0.33
HSL	211°, 40%, 48%
HSV	211°, 57%, 67%
XYZ	16.7198, 17.7517, 40.5754
YIQ	111.6470, -44.0620, 5.5860

Conversions

Conversions Part 2

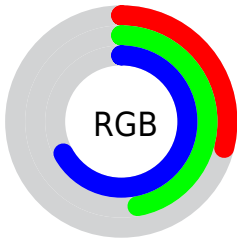
Format	Color
R_{YB}	73, 105, 170
Decimal	4815018
CIE _{Lab}	49.19, -0.85, -31.52
CIE _{LCh}	49, 31.532, 268.456
Yxy	17.7517, 0.2228, 0.2365
Android (android.graphics.Color)	4283005098 (0xFF4978AA)
YUV	111.6470, 28.7680, -33.8934
Hunter-Lab	42.1328, -2.8970, -27.6055

Details

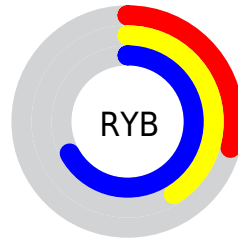
The Hex color **4978AA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AA7B49**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **80ACE2**, and **004876** is the 20% darker color. If you saturate the color by 10%, you get **386FAA**, and if you desaturate by 10%, it is **5A81AA**.

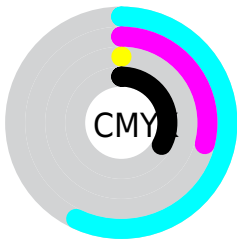
Distribution



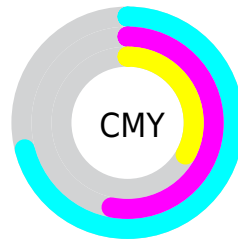
- Red (29%)
- Green (47%)
- Blue (67%)



- Red (29%)
- Yellow (41%)
- Blue (67%)



- Cyan (57%)
- Magenta (29%)
- Yellow (0%)
- Black (33%)



- Cyan (71%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4978AA 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 4978AA by changing the saturation by 10% instead.

■ 4978AA

■ 4978AA

FFFFFF

■ 2C5F8F

■ 80ACE2

■ 004876

■ 9CC7FE

■ 00325D

■ B9E3FF

■ 001D45

■ D5FFFF

■ 00042E

■ F3FFFF

■ 000119

■ 000000

■ 4978AA

■ 4978AA

■ 386FAA

■ 5A81AA

■ 2766AA

■ 6B8AAA

■ 165EAA

■ 7C92AA

■ 0555AA

■ 8D9BAA

■ 0052AA

■ 9EA4AA

■ AFADAA

■ C0B5AA

■ D1BEAA

■ E2C7AA

Harmonies

Analogous

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



007FA2



4978AA



766EA4

Triad

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



4978AA



A8625D



4C8058

Complementary

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



4978AA



AA7B49

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.



6C7B45



4978AA



9C6948

Square

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



4978AA



A66077



87733F



218373

Rectangle

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



4978AA



8C6899



87733F



577F50

Sweetspot

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



4978AA



B8CADE



49AA79



5A6570



F0F0F0



707070

Same Dimension

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



4978AA



4790DE



4949AA



4C5054



004894



000A14

Inverse Universe

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



AA4978



DE4790



AAAA49



544C50



940048



14000A

Previews

White Background



This preview shows how the Hex color 4978AA looks on a white background.

Color Contrast Check

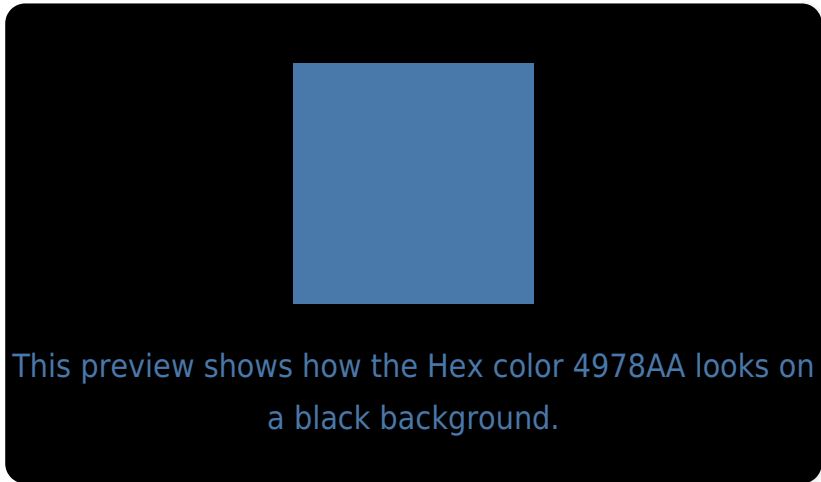
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

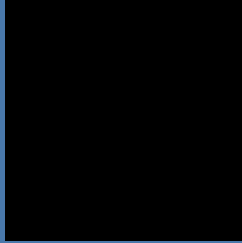
Any Text WCAG AA ✓ Pass

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 4978AA Background



This preview shows how black text looks on a background with the Hex color 4978AA.

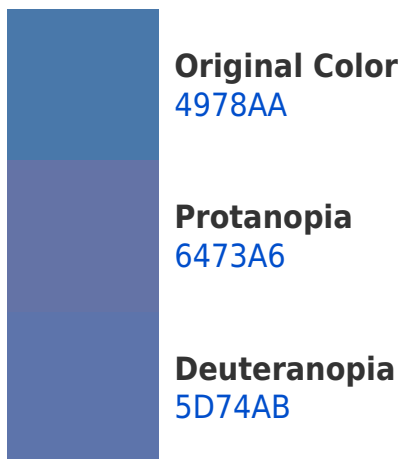


This preview shows how white text looks on a background with the Hex color 4978AA.

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](#).

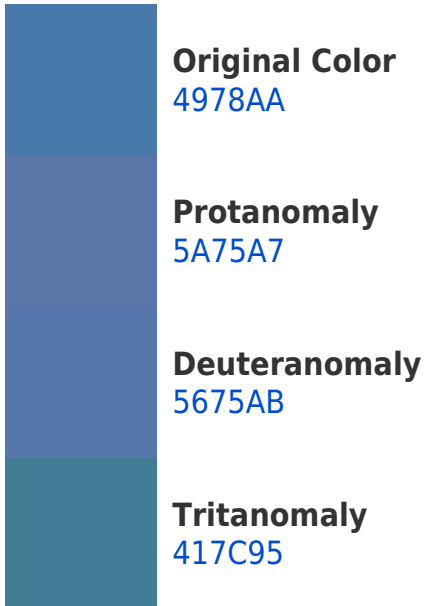
Dichromacy



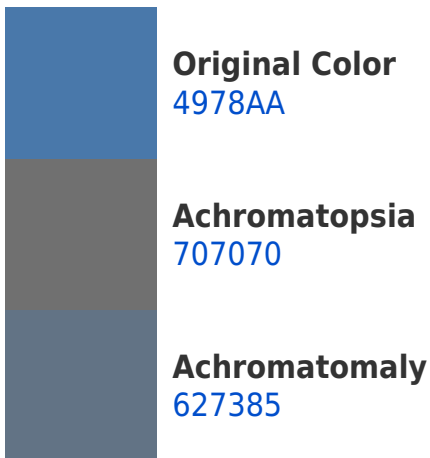


Tritanopia
3C7E89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4978AA 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 #4978AA looks like.

```
.text, #text, p{  
    color:#4978AA  
}
```

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 #4978AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4978AA
}
```

Border

The CSS property to change the border of an element to Hex 4978AA 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
#4978AA }
```

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

```
.border{ border-color:#4978AA }
```

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

Here you see how a box with a 4 pixel #4978AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4978AA; -webkit-box-shadow:4px 4px  
4px 4px #4978AA; box-shadow:4px 4px 4px  
4px #4978AA }
```

Background

The CSS property to change the background color of an element to Hex 4978AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4978AA }
```

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

```
.background{ background-color:#4978AA }
```

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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