

Converting Colors

Hex(218AAB)

Have a look what the booklet for
Hex(218AAB) contains.

| | |
|--|----|
| Hex(218AAB) | 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(218AAB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 218AAB |
| RGB | 33, 138, 171 |
| RGB Percent | 13%, 54%, 67% |
| CMY | 0.8706, 0.4588, 0.3294 |
| CMYK | 0.81, 0.19, 0.00, 0.33 |
| HSL | 194°, 68%, 40% |
| HSV | 194°, 81%, 67% |
| XYZ | 17.0664, 21.4406, 41.7670 |
| YIQ | 110.3670, -73.1730, -11.9970 |

Conversions

Conversions Part 2

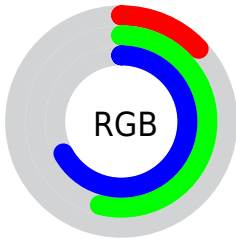
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 33, 93, 171 |
| Decimal | 2198187 |
| CIELab | 53.43, -17.18, -25.61 |
| CIElCh | 53, 30.843, 236.148 |
| Yxy | 21.4406, 0.2126, 0.2671 |
| Android (android.graphics.Color) | 4280388267 (0xFF218AAB) |
| YUV | 110.3670, 29.8921, -67.8509 |
| Hunter-Lab | 46.3040, -15.2417, -21.0679 |

Details

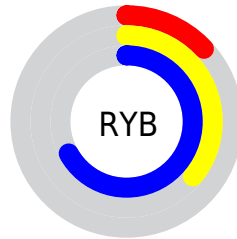
The Hex color **218AAB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB4221**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **66C0E2**, and **005877** is the 20% darker color. If you saturate the color by 10%, you get **1086AB**, and if you desaturate by 10%, it is **328EAB**.

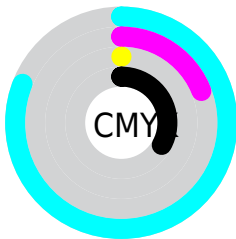
Distribution



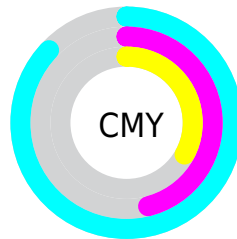
- Red (13%)
- Green (54%)
- Blue (67%)



- Red (13%)
- Yellow (36%)
- Blue (67%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218AAB 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 218AAB by changing the saturation by 10% instead.

■ 218AAB

■ 218AAB

FFFFFF

■ 007090

■ 66C0E2

■ 005877

■ 83DBFF

■ 00405E

■ A1F8FF

■ 002A46

■ BEFFFF

■ 00162F

■ DCFFFF

■ 00011A

■ FAFFFF

■ 000000

■ 218AAB

■ 218AAB

■ 1086AB

■ 328EAB

0082AB

4392AB

5496AB

659AAB

779EAB

88A3AB

99A7AB

AAABAB

BBAFAB

Harmonies

Analogous

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



0B8D96



218AAB



5383B4

Triad

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



218AAB



B06B84



79854F

Complementary

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



218AAB



AB4221

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.



947D4A



218AAB



B36D6A

Square

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



218AAB



9E719E



A97454



5A8B61

Rectangle

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



218AAB



707DB2



A97454



83834C

Sweetspot

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



218AAB



A9D1DE



21AB41



506870



F0F0F0



707070

Same Dimension

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



218AAB



07AADE



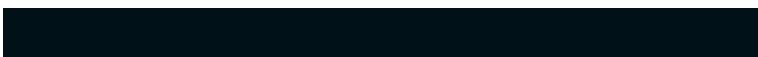
2146AB



4E5557



007296



001117

Inverse Universe

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



AB218A



DE07AA



AB8621



574E55



960072



170011

Previews

White Background



This preview shows how the Hex color 218AAB looks on a white background.

Color Contrast Check

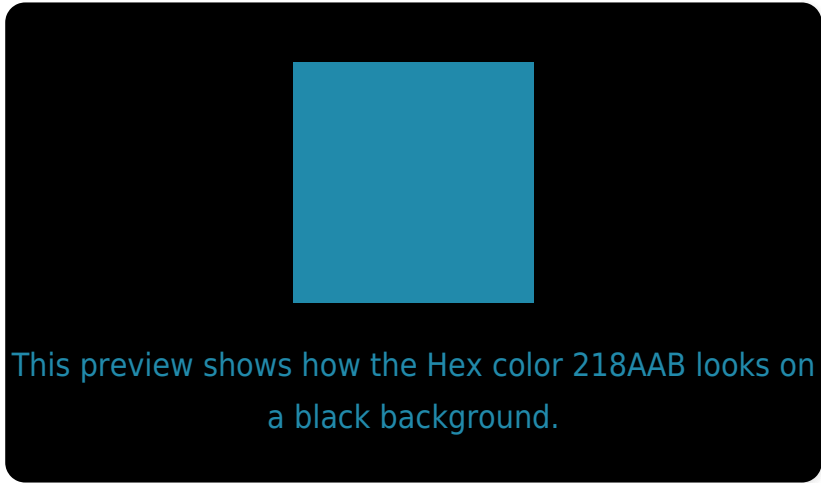
Large Text (above 18pt) WCAG AA ✓ Pass

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

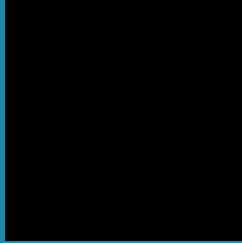
Any Text WCAG AA ✓ Pass

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 218AAB Background



This preview shows how black text looks on a background with the Hex color 218AAB.

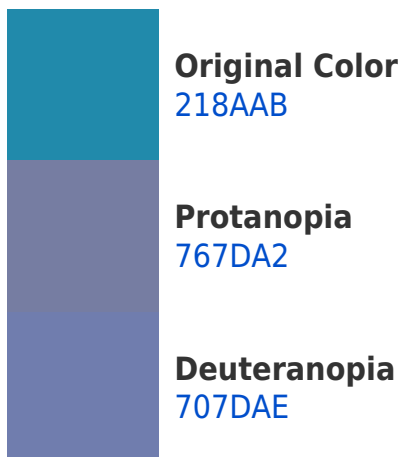


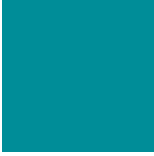
This preview shows how white text looks on a background with the Hex color 218AAB.

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](#).

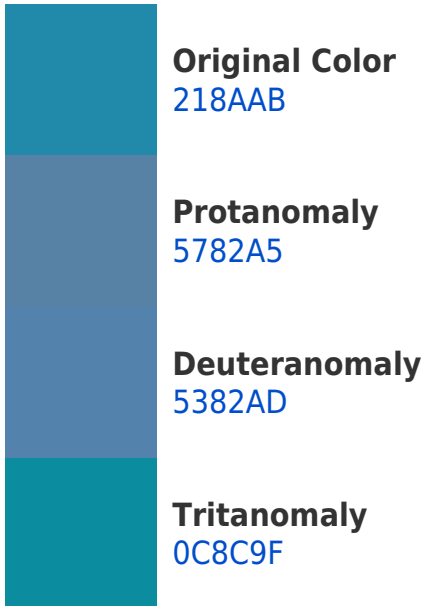
Dichromacy



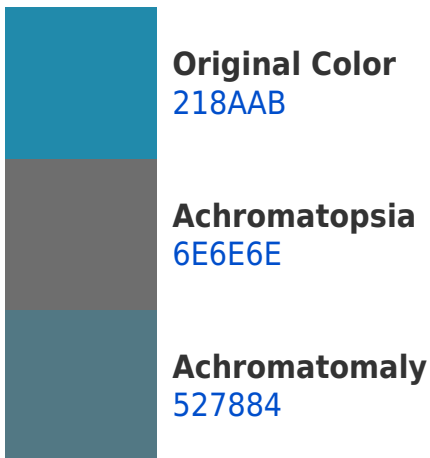


Tritanopia
008D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218AAB 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 #218AAB looks like.

```
.text, #text, p{  
    color:#218AAB  
}
```

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 #218AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218AAB
}
```

Border

The CSS property to change the border of an element to Hex 218AAB 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
#218AAB }
```

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

```
.border{ border-color:#218AAB }
```

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

Here you see how a box with a 4 pixel #218AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218AAB; -webkit-box-shadow:4px 4px  
4px 4px #218AAB; box-shadow:4px 4px 4px  
4px #218AAB }
```

Background

The CSS property to change the background color of an element to Hex 218AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218AAB }
```

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

```
.background{ background-color:#218AAB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor