

Converting Colors

Hex(148AAB)

Have a look what the booklet for
Hex(148AAB) contains.

| | |
|--|----|
| Hex(148AAB) | 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(148AAB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 148AAB |
| RGB | 20, 138, 171 |
| RGB Percent | 8%, 54%, 67% |
| CMY | 0.9216, 0.4588, 0.3294 |
| CMYK | 0.88, 0.19, 0.00, 0.33 |
| HSL | 193°, 79%, 37% |
| HSV | 193°, 88%, 67% |
| XYZ | 16.7277, 21.2660, 41.7512 |
| YIQ | 106.4800, -80.9210, -14.7530 |

Conversions

Conversions Part 2

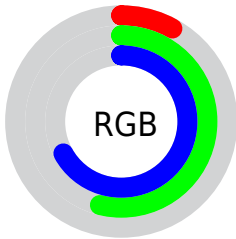
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 20, 86, 171 |
| Decimal | 1346219 |
| CIE _{Lab} | 53.24, -18.24, -25.92 |
| CIE _{LCh} | 53, 31.699, 234.861 |
| Yxy | 21.2660, 0.2098, 0.2667 |
| Android (android.graphics.Color) | 4279536299 (0xFF148AAB) |
| YUV | 106.4800, 31.8084, -75.8430 |
| Hunter-Lab | 46.1150, -15.9526, -21.3989 |

Details

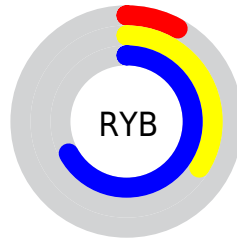
The Hex color **148AAB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB3514**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60C0E2**, and **005877** is the 20% darker color. If you saturate the color by 10%, you get **0386AB**, and if you desaturate by 10%, it is **258EAB**.

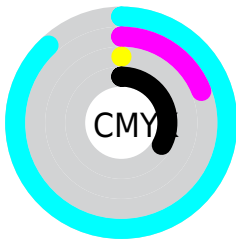
Distribution



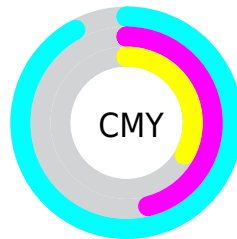
- Red (8%)
- Green (54%)
- Blue (67%)



- Red (8%)
- Yellow (34%)
- Blue (67%)



- Cyan (88%)
- Magenta (19%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 148AAB 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 148AAB by changing the saturation by 10% instead.

 148AAB

 148AAB

FFFFFF

 007090

 60C0E2

 005877

 7FDBFF

 00405E

 9CF8FF

 002A46

 BAF8FF

 00162F

 D8FFFF

 00011A

 F6FFFF

 000000

 148AAB

 148AAB

 0386AB

 258EAB

0086AB

3691AB

4795AB

5899AB

699DAB

7BA0AB

8CA4AB

9DA8AB

AEACAB

Harmonies

Analogous

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



008D95



148AAB



4E83B5

Triad

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



148AAB



B06A85



7A844D

Complementary

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



148AAB



AB3514

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.



957C48



148AAB



B46B6A

Square

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



148AAB



9D709F



AA7253



5A8A5F

Rectangle

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



148AAB



6D7DB4



AA7253



838249

Sweetspot

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



148AAB



A4D1DE



14AB35



4D6970



F0F0F0



707070

Same Dimension

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



148AAB



00ADDE



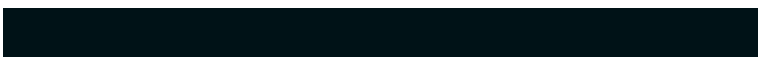
143FAB



4E5557



007696



001217

Inverse Universe

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



AB148A



DE00AD



AB8014



574E55



960076



170012

Previews

White Background



This preview shows how the Hex color 148AAB looks on a white background.

Color Contrast Check

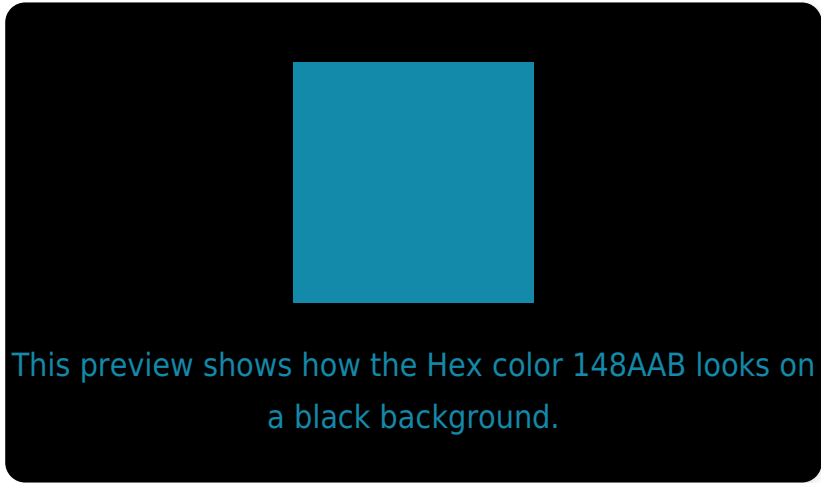
Large Text (above 18pt) WCAG AA ✓ Pass

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

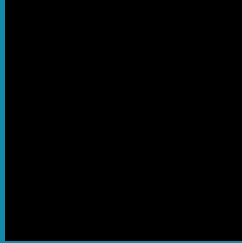
Any Text WCAG AA ✓ Pass

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 148AAB Background



This preview shows how black text looks on a background with the Hex color 148AAB.

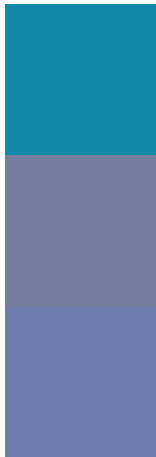


This preview shows how white text looks on a background with the Hex color 148AAB.

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](#).

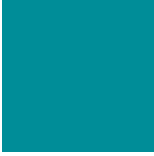
Dichromacy



Original Color
148AAB

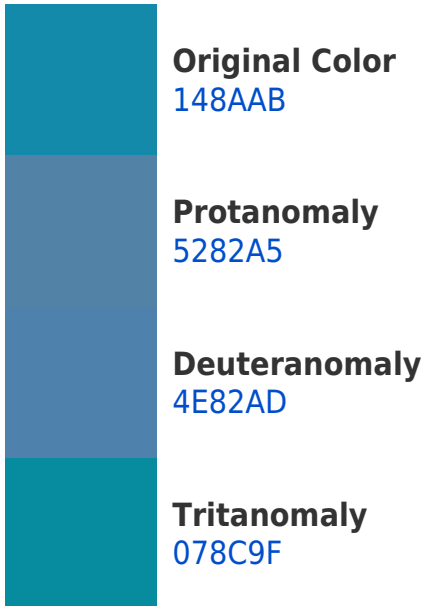
Protanopia
757DA1

Deuteranopia
6F7DAE

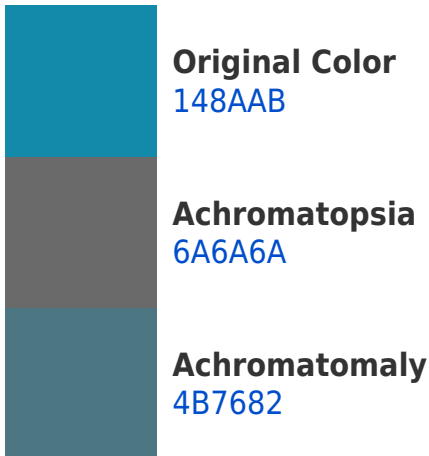


Tritanopia
008D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 148AAB 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 #148AAB looks like.

```
.text, #text, p{  
    color:#148AAB  
}
```

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 #148AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #148AAB
}
```

Border

The CSS property to change the border of an element to Hex 148AAB 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
#148AAB }
```

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

```
.border{ border-color:#148AAB }
```

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

Here you see how a box with a 4 pixel #148AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #148AAB; -webkit-box-shadow:4px 4px  
4px 4px #148AAB; box-shadow:4px 4px 4px  
4px #148AAB }
```

Background

The CSS property to change the background color of an element to Hex 148AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#148AAB }
```

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

```
.background{ background-color:#148AAB }
```

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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