

Converting Colors

Hex(148AAA)

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

Hex(148AAA)	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(148AAA)

Conversions

Conversions Part 1

Format	Color
Hex	148AAA
RGB	20, 138, 170
RGB Percent	8%, 54%, 67%
CMY	0.9216, 0.4588, 0.3333
CMYK	0.88, 0.19, 0.00, 0.33
HSL	193°, 79%, 37%
HSV	193°, 88%, 67%
XYZ	16.6327, 21.2280, 41.2510
YIQ	106.3660, -80.6000, -15.0640

Conversions

Conversions Part 2

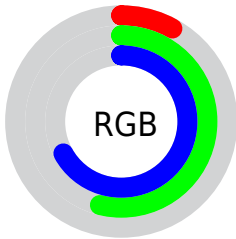
Format	Color
R_{YB}	20, 86, 170
Decimal	1346218
CIE _{Lab}	53.20, -18.60, -25.41
CIE _{LCh}	53, 31.490, 233.799
Yxy	21.2280, 0.2102, 0.2683
Android (android.graphics.Color)	4279536298 (0xFF148AAA)
YUV	106.3660, 31.3716, -75.7430
Hunter-Lab	46.0738, -16.1906, -20.8321

Details

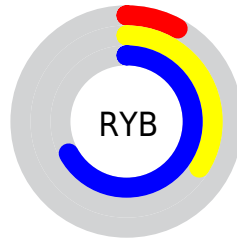
The Hex color **148AAA** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AA3414**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60C0E1**, and **005876** is the 20% darker color. If you saturate the color by 10%, you get **0386AA**, and if you desaturate by 10%, it is **258EAA**.

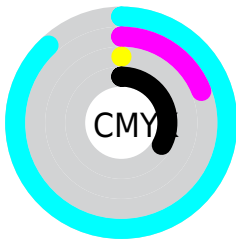
Distribution



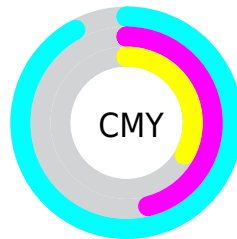
- Red (8%)
- Green (54%)
- Blue (67%)



- 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 148AAA 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 148AAA by changing the saturation by 10% instead.

■ 148AAA

■ 148AAA

FFFFFF

■ 00708F

■ 60C0E1

■ 005876

■ 7EDBFE

■ 00405D

■ 9CF8FF

■ 002A45

■ BAF8FF

■ 00162F

■ D7FFFF

■ 00011A

■ F6FFFF

■ 000000

■ 148AAA

■ 148AAA

■ 0386AA

■ 258EAA

0086AA

3691AA

4795AA

5899AA

699CAA

7AA0AA

8BA3AA

9CA7AA

ADABAA

Harmonies

Analogous

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



008D94



148AAA



4D83B4

Triad

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



148AAA



AF6A86



7B844C

Complementary

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



148AAA



AA3414

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.



967B49



148AAA



B46B6B

Square

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



148AAA



9C709F



AA7254



5B8A5E

Rectangle

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



148AAA



6C7DB3



AA7254



84814A

Sweetspot

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



148AAA



A4D2DE



14AA32



4D6970



F0F0F0



707070

Same Dimension

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



148AAA



00AFDE



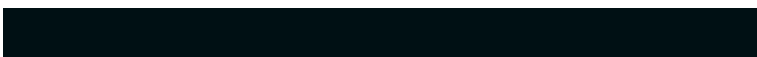
1441AA



4C5254



007494



001014

Inverse Universe

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



AA148A



DE00AF



AA7D14



544C52



940074



140010

Previews

White Background



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

Color Contrast Check

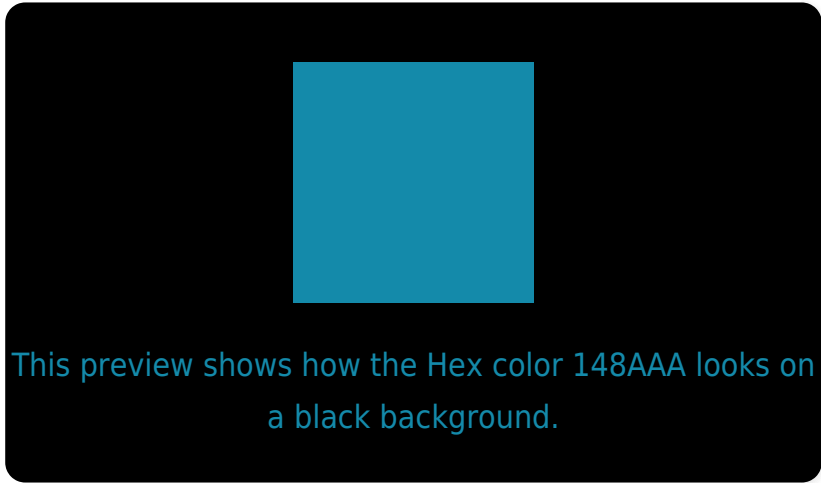
Large Text (above 18pt) WCAG AA ✓ Pass

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

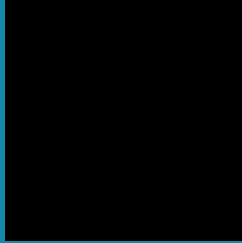
Any Text WCAG AA ✓ Pass

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 148AAA Background



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

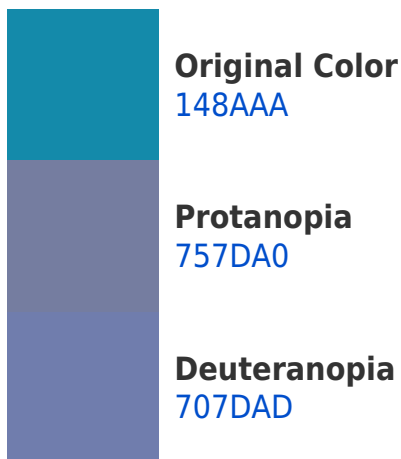


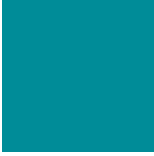
This preview shows how white text looks on a background with the Hex color 148AAA.

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
008C98

Trichromacy



Original Color
148AAA

Protanomaly
5282A4

Deuteranomaly
4F82AC

Tritanomaly
078B9F

Monochromacy



Original Color
148AAA

Achromatopsia
6A6A6A

Achromatomaly
4B7681

CSS Examples

Text

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

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

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 #148AAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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