

Converting Colors

Hex(229AAA)

Have a look what the booklet for
Hex(229AAA) contains.

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Color

Hex(229AAA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 229AAA |
| RGB | 34, 154, 170 |
| RGB Percent | 13%, 60%, 67% |
| CMY | 0.8667, 0.3961, 0.3333 |
| CMYK | 0.80, 0.09, 0.00, 0.33 |
| HSL | 187°, 67%, 40% |
| HSV | 187°, 80%, 67% |
| XYZ | 19.4710, 26.3536, 42.0907 |
| YIQ | 119.9440, -76.6560, -20.4640 |

Conversions

Conversions Part 2

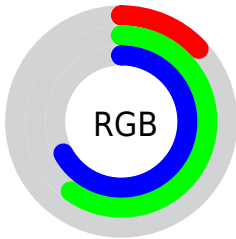
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 34, 98, 170 |
| Decimal | 2267818 |
| CIELab | 58.37, -25.82, -17.47 |
| CIELCh | 58, 31.170, 214.082 |
| Yxy | 26.3536, 0.2215, 0.2998 |
| Android (android.graphics.Color) | 4280457898 (0xFF229AAA) |
| YUV | 119.9440, 24.6776, -75.3729 |
| Hunter-Lab | 51.3357, -22.1347, -12.6775 |

Details

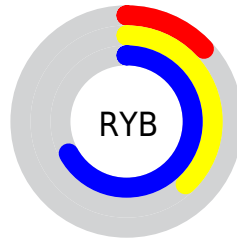
The Hex color **229AAA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA3222**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **68D1E1**, and **006676** is the 20% darker color. If you saturate the color by 10%, you get **1198AA**, and if you desaturate by 10%, it is **339CAA**.

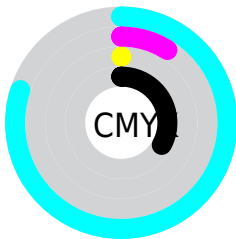
Distribution



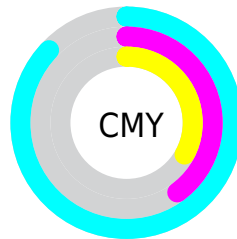
- Red (13%)
- Green (60%)
- Blue (67%)



- Red (13%)
- Yellow (38%)
- Blue (67%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 229AAA 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 229AAA by changing the saturation by 10% instead.

 229AAA

 229AAA

FFFFFF

 008090

 68D1E1

 006676

 86EDFE

 004E5D

 A3FFFF

 003746

 C1FFFF

 00222F

 DFFFFF


 00011B

FDFFFF

 000000

 229AAA

 229AAA

 1198AA

 339CAA

0096AA

449EAA

55A0AA

66A2AA

77A4AA

88A6AA

99A8AA

AAAAAA

BBACAA

Harmonies

Analogous

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



3A9B8F



229AAA



3E96BD

Triad

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



229AAA



B27BA5



9B8C55

Complementary

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



229AAA



AA3222

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.



B2825C



229AAA



C1778A

Square

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



229AAA



9584BA



C07A6F



7E945E

Rectangle

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



229AAA



5D91C2



C07A6F



A48956

Sweetspot

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



229AAA



A9D8DE



22AA32



506C70



F0F0F0



707070

Same Dimension

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



229AAA



09C5DE



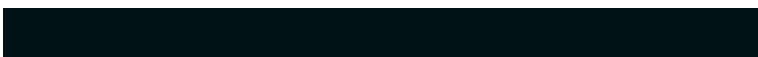
2256AA



4C5354



008294



001214

Inverse Universe

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



AA229A



DE09C5



AA7622



544C53



940083



140012

Previews

White Background



This preview shows how the Hex color 229AAA looks on a white background.

Color Contrast Check

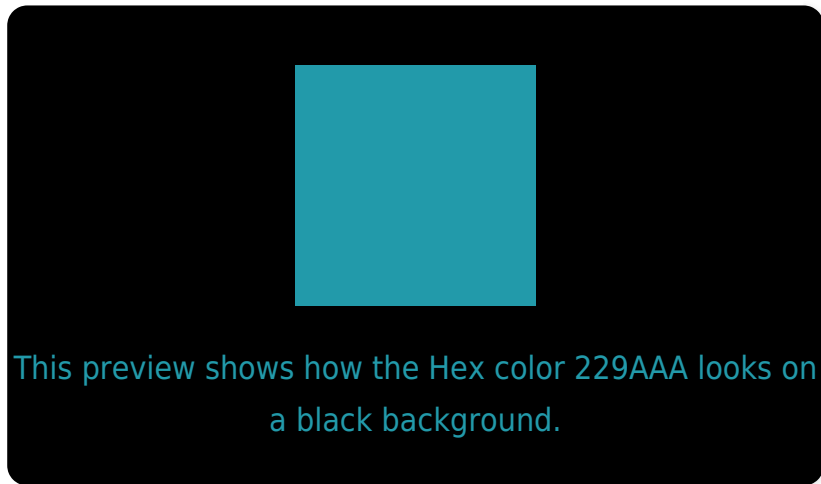
Large Text (above 18pt) WCAG AA ✓ Pass

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

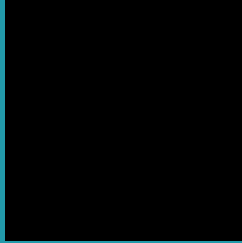
Any Text WCAG AA ✓ Pass

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 229AAA Background



This preview shows how black text looks on a background with the Hex color 229AAA.

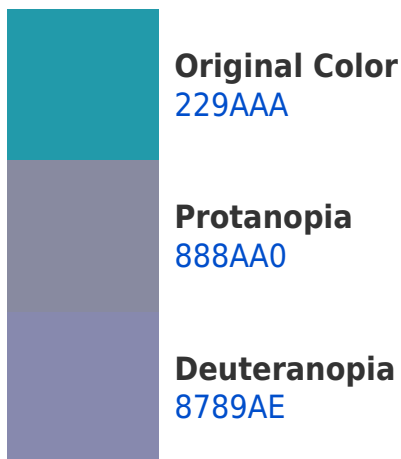


This preview shows how white text looks on a background with the Hex color 229AAA.

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](#).

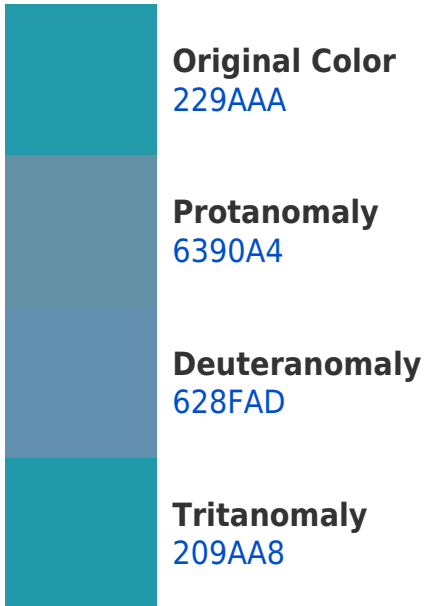
Dichromacy



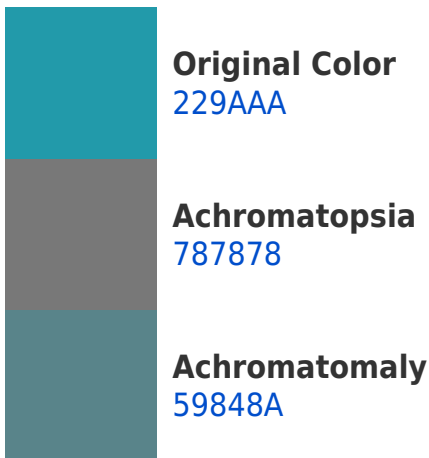


Tritanopia
1F9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 229AAA 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 #229AAA looks like.

```
.text, #text, p{  
    color:#229AAA  
}
```

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 #229AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #229AAA
}
```

Border

The CSS property to change the border of an element to Hex 229AAA 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
#229AAA }
```

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

```
.border{ border-color:#229AAA }
```

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

Here you see how a box with a 4 pixel #229AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #229AAA; -webkit-box-shadow:4px 4px  
4px 4px #229AAA; box-shadow:4px 4px 4px  
4px #229AAA }
```

Background

The CSS property to change the background color of an element to Hex 229AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#229AAA }
```

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

```
.background{ background-color:#229AAA }
```

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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