

Converting Colors

Hex(228D79)

Have a look what the booklet for
Hex(228D79) contains.

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Color

Hex(228D79)

Conversions

Conversions Part 1

Format	Color
Hex	228D79
RGB	34, 141, 121
RGB Percent	13%, 55%, 47%
CMY	0.8667, 0.4471, 0.5255
CMYK	0.76, 0.00, 0.14, 0.45
HSL	169°, 61%, 34%
HSV	169°, 76%, 55%
XYZ	13.6358, 20.7703, 21.3796
YIQ	106.7270, -57.3520, -28.9040

Conversions

Conversions Part 2

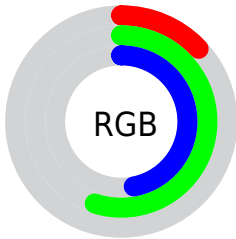
Format	Color
RYB	34, 93, 141
Decimal	2264441
CIELab	52.70, -34.36, 2.20
CIElCh	53, 34.431, 176.340
Yxy	20.7703, 0.2444, 0.3723
Android (android.graphics.Color)	4280454521 (0xFF228D79)
YUV	106.7270, 7.0366, -63.7816
Hunter-Lab	45.5745, -26.3486, 4.0884

Details

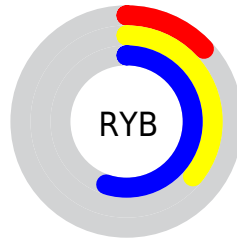
The Hex color **228D79** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8D2236**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **61C3AD**, and **005A49** is the 20% darker color. If you saturate the color by 10%, you get **148D76**, and if you desaturate by 10%, it is **308D7C**.

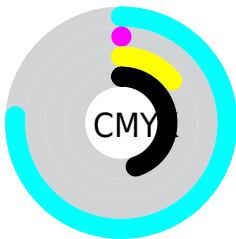
Distribution



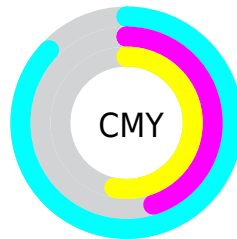
- Red (13%)
- Green (55%)
- Blue (47%)



- Red (13%)
- Yellow (36%)
- Blue (55%)



- Cyan (76%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 228D79 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 228D79 by changing the saturation by 10% instead.

 228D79

 228D79

FFFFFF

 007360

 61C3AD

 005A49

 7DDFC9

 004232

 99FCE5

 002B1D

 B6FFFF

 001104

 D3FFFF

 000000

 F1FFFF

 228D79

 228D79

 148D76

 308D7C

068D74

3E8D7E

008D73

4C8D81

5A8D84

698D86

778D89

858D8B

938D8E

A18D91

Harmonies

Analogous

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



538A5C



228D79



008D97

Triad

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



228D79



7B77B3



AA704D

Complementary

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



228D79



8D2236

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.



B66865



228D79



9F6D9F

Square

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



228D79



4882B8



B36683



947B42

Rectangle

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



228D79



008BA8



B36683



B06D54

Sweetspot

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



228D79



8DB8B0



378D22



425C57



DBDBDB



5C5C5C

Same Dimension

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



228D79



11B898



226D8D



404746



00876E



000806

Inverse Universe

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



8D2236



B81130



8D4222



474042



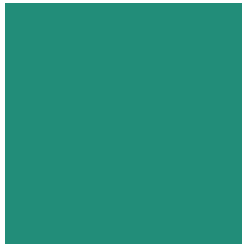
870019



080001

Previews

White Background



This preview shows how the Hex color 228D79 looks on a white background.

Color Contrast Check

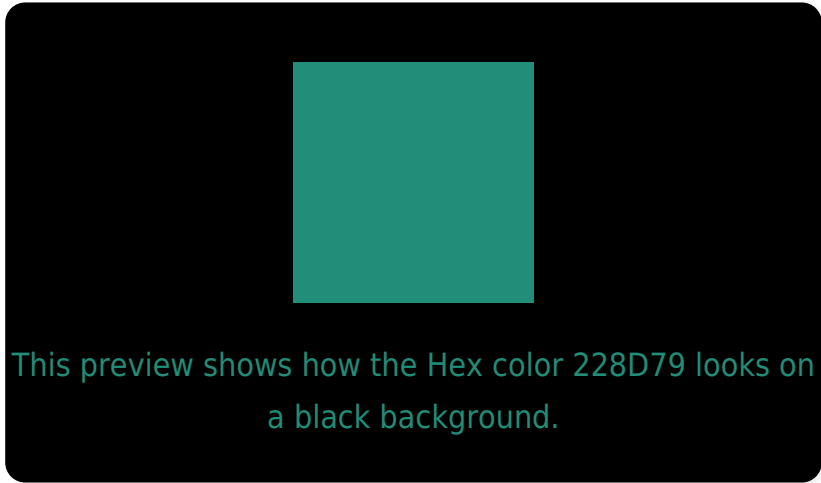
Large Text (above 18pt) WCAG AA ✓ Pass

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

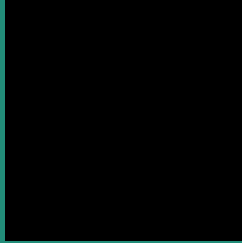
Any Text WCAG AA ✓ Pass

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 228D79 Background



This preview shows how black text looks on a background with the Hex color 228D79.

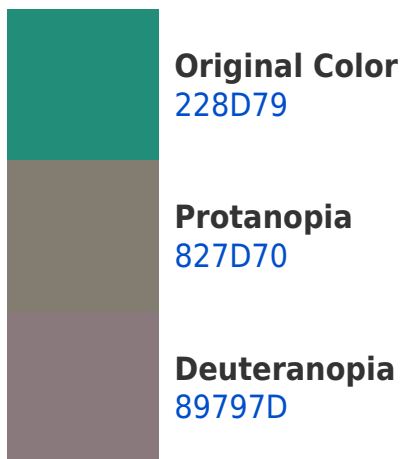


This preview shows how white text looks on a background with the Hex color 228D79.

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
328994

Trichromacy



Original Color
228D79



Protanomaly
5F8373



Deuteranomaly
64807C



Tritanomaly
2C8A8A

Monochromacy



Original Color
228D79



Achromatopsia
6B6B6B



Achromatomaly
507770

CSS Examples

Text

The CSS property to change the color of the text to Hex 228D79 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 #228D79 looks like.

```
.text, #text, p{  
    color:#228D79  
}
```

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 #228D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #228D79
}
```

Border

The CSS property to change the border of an element to Hex 228D79 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
#228D79 }
```

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

```
.border{ border-color:#228D79 }
```

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

Here you see how a box with a 4 pixel #228D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #228D79; -webkit-box-shadow:4px 4px  
4px 4px #228D79; box-shadow:4px 4px 4px  
4px #228D79 }
```

Background

The CSS property to change the background color of an element to Hex 228D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#228D79 }
```

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

```
.background{ background-color:#228D79 }
```

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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