

Converting Colors

Hex(238E79)

Have a look what the booklet for
Hex(238E79) contains.

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Color

Hex(238E79)

Conversions

Conversions Part 1

Format	Color
Hex	238E79
RGB	35, 142, 121
RGB Percent	14%, 56%, 47%
CMY	0.8627, 0.4431, 0.5255
CMYK	0.75, 0.00, 0.15, 0.44
HSL	168°, 60%, 35%
HSV	168°, 75%, 56%
XYZ	13.8173, 21.0838, 21.4305
YIQ	107.6130, -57.0310, -29.2150

Conversions

Conversions Part 2

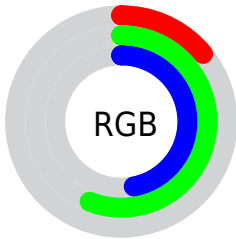
Format	Color
RYB	35, 94, 142
Decimal	2330233
CIELab	53.04, -34.69, 2.70
CIELCh	53, 34.791, 175.551
Yxy	21.0838, 0.2453, 0.3743
Android (android.graphics.Color)	4280520313 (0xFF238E79)
YUV	107.6130, 6.5998, -63.6816
Hunter-Lab	45.9171, -26.6409, 4.4701

Details

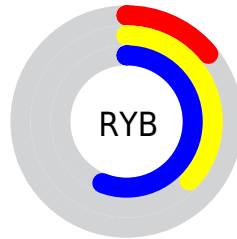
The Hex color **238E79** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8E2338**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **61C4AD**, and **005B49** is the 20% darker color. If you saturate the color by 10%, you get **158E76**, and if you desaturate by 10%, it is **318E7C**.

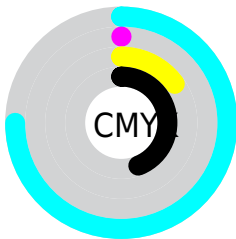
Distribution



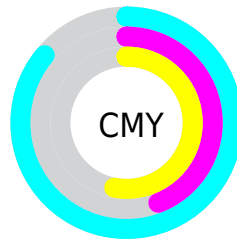
- Red (14%)
- Green (56%)
- Blue (47%)



- Red (14%)
- Yellow (37%)
- Blue (56%)



- Cyan (75%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)



- Cyan (86%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238E79 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 238E79 by changing the saturation by 10% instead.

 238E79

 238E79

FFFFFF

 007460

 61C4AD

 005B49

 7EE1C9

 004332

 9AFDE5

 002C1D

 B7FFFF

 001304

 D4FFFF


 000000

 F2FFFF

 238E79

 238E79

 158E76

 318E7C

078E73

3F8E7F

008E72

4E8E81

5C8E84

6A8E87

788E8A

868E8D

958E8F

A38E92

Harmonies

Analogous

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



548B5C



238E79



008E97

Triad

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



238E79



7B79B5



AC714E

Complementary

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



238E79



8E2338

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.



B86866



238E79



A06EA1

Square

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



238E79



4683BA



B46784



957B42

Rectangle

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



238E79



008CA8



B46784



B16D55

Sweetspot

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



238E79



8DB8AF



388E23



425C57



DBDBDB



5C5C5C

Same Dimension

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



238E79



12B897



236E8E



404746



00876D



000806

Inverse Universe

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



8E2338



B81233



8E4323



474042



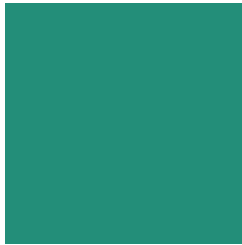
87001B



080002

Previews

White Background



This preview shows how the Hex color 238E79 looks on a white background.

Color Contrast Check

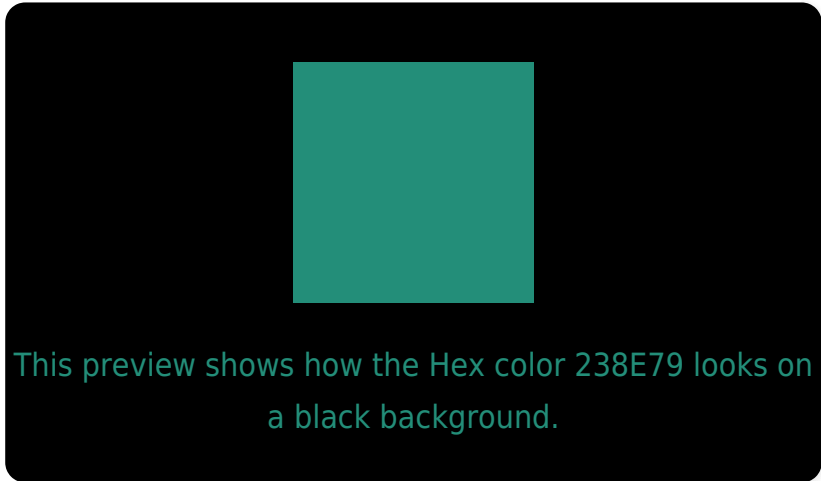
Large Text (above 18pt) WCAG AA ✓ Pass

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

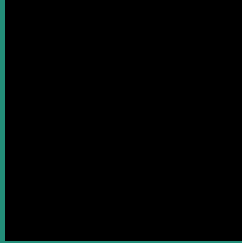
Any Text WCAG AA ✓ Pass

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 238E79 Background



This preview shows how black text looks on a background with the Hex color 238E79.

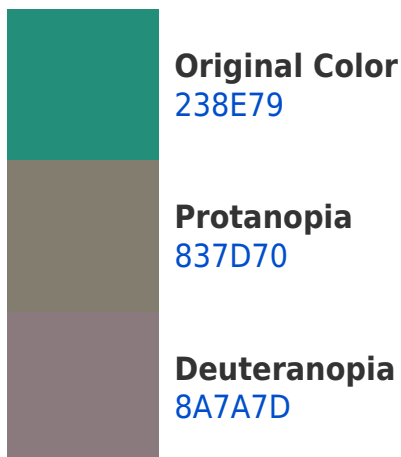


This preview shows how white text looks on a background with the Hex color 238E79.

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
338A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 238E79 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 #238E79 looks like.

```
.text, #text, p{  
    color:#238E79  
}
```

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 #238E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238E79
}
```

Border

The CSS property to change the border of an element to Hex 238E79 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
#238E79 }
```

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

```
.border{ border-color:#238E79 }
```

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

Here you see how a box with a 4 pixel #238E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238E79; -webkit-box-shadow:4px 4px  
4px 4px #238E79; box-shadow:4px 4px 4px  
4px #238E79 }
```

Background

The CSS property to change the background color of an element to Hex 238E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238E79 }
```

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

```
.background{ background-color:#238E79 }
```

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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