

Converting Colors

Hex(278E8E)

Have a look what the booklet for
Hex(278E8E) contains.

Hex(278E8E)	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(278E8E)

Conversions

Conversions Part 1

Format	Color
Hex	278E8E
RGB	39, 142, 142
RGB Percent	15%, 56%, 56%
CMY	0.8471, 0.4431, 0.4431
CMYK	0.73, 0.00, 0.00, 0.44
HSL	180°, 57%, 35%
HSV	180°, 73%, 56%
XYZ	15.3922, 21.7303, 28.9743
YIQ	111.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

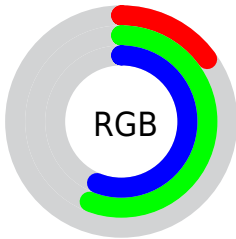
Format	Color
R_{YB}	39, 91, 142
Decimal	2592398
CIE _{Lab}	53.74, -28.07, -8.40
CIE _{LCh}	54, 29.296, 196.663
Yxy	21.7303, 0.2329, 0.3288
Android (android.graphics.Color)	4280782478 (0xFF278E8E)
YUV	111.2030, 15.1829, -63.3220
Hunter-Lab	46.6158, -22.6383, -4.2210

Details

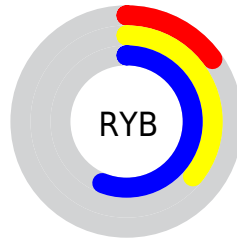
The Hex color **278E8E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E2727**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **65C4C4**, and **005B5C** is the 20% darker color. If you saturate the color by 10%, you get **198E8E**, and if you desaturate by 10%, it is **358E8E**.

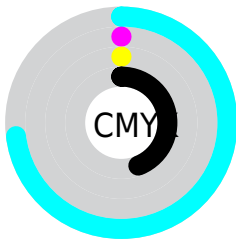
Distribution



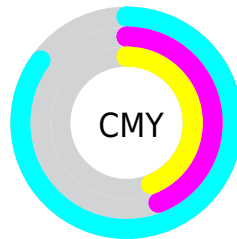
- Red (15%)
- Green (56%)
- Blue (56%)



- Red (15%)
- Yellow (36%)
- Blue (56%)



- Cyan (73%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 278E8E 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 278E8E by changing the saturation by 10% instead.

 278E8E

 278E8E

FFFFFF

 007474

 65C4C4

 005B5C

 82E0E0

 004344

 9FFDFC

 002C2E

 BCFFFF

 00161A

 D9FFFF

 000000

 F7FFFF

 278E8E

 278E8E

 198E8E

 358E8E

0B8E8E

438E8E

008E8E

528E8E

608E8E

6E8E8E

7C8E8E

8A8E8E

998E8E

A78E8E

Harmonies

Analogous

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



478D74



278E8E



248CA4

Triad

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



278E8E



9575A3



9B7B4F

Complementary

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



278E8E



8E2727

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.



AC735D



278E8E



AB6E8D

Square

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



278E8E



737EB1



B26D73



83834F

Rectangle

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



278E8E



3C88AE



B26D73



A27853

Sweetspot

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



278E8E



8FB8B8



278E27



445C5C



DBDBDB



5C5C5C

Same Dimension

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



278E8E



18B8B8



275A8E



404747



008787



000808

Inverse Universe

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



8E278E



B818B8



8E5A27



474047



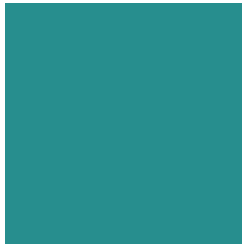
870087



080008

Previews

White Background



This preview shows how the Hex color 278E8E looks on a white background.

Color Contrast Check

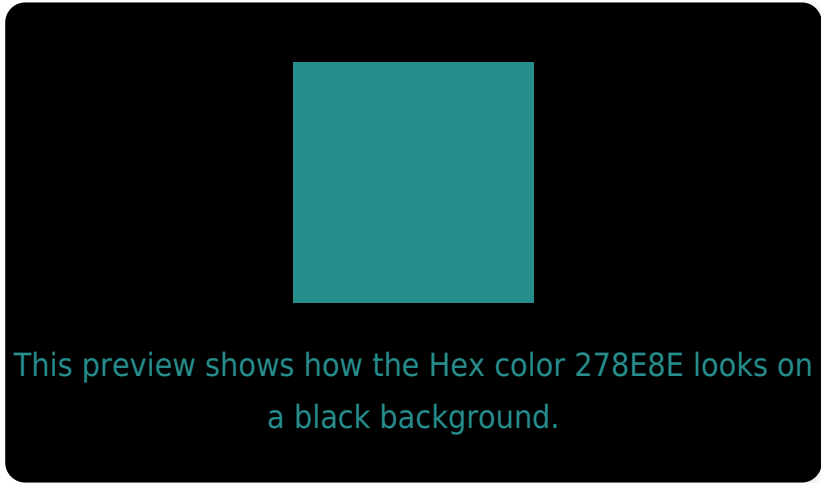
Large Text (above 18pt) WCAG AA ✓ Pass

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

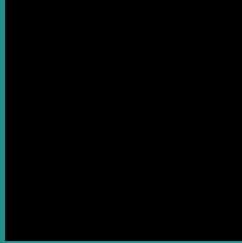
Any Text WCAG AA ✓ Pass

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 278E8E Background



This preview shows how black text looks on a background with the Hex color 278E8E.

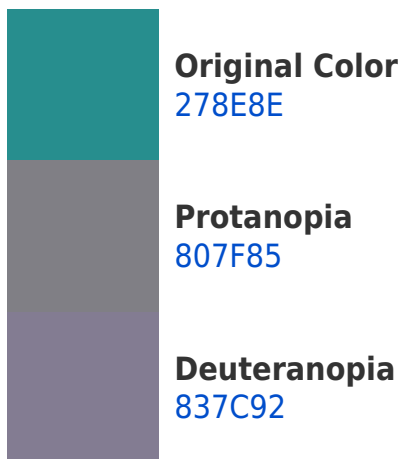


This preview shows how white text looks on a background with the Hex color 278E8E.

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



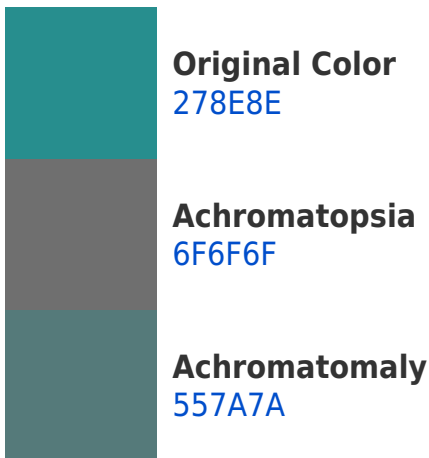


Tritanopia
2D8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 278E8E 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 #278E8E looks like.

```
.text, #text, p{  
    color:#278E8E  
}
```

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 #278E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #278E8E
}
```

Border

The CSS property to change the border of an element to Hex 278E8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

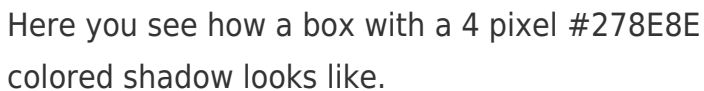
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#278E8E }
```

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

```
.border{ border-color:#278E8E }
```

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



Here you see how a box with a 4 pixel #278E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #278E8E; -webkit-box-shadow:4px 4px  
4px 4px #278E8E; box-shadow:4px 4px 4px  
4px #278E8E }
```

Background

The CSS property to change the background color of an element to Hex 278E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#278E8E }
```

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

```
.background{ background-color:#278E8E }
```

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