

Converting Colors

Hex(277A83)

Have a look what the booklet for
Hex(277A83) contains.

Hex(277A83)	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(277A83)

Conversions

Conversions Part 1

Format	Color
Hex	277A83
RGB	39, 122, 131
RGB Percent	15%, 48%, 51%
CMY	0.8471, 0.5216, 0.4863
CMYK	0.70, 0.07, 0.00, 0.49
HSL	186°, 54%, 33%
HSV	186°, 70%, 51%
XYZ	11.8930, 15.9891, 23.9321
YIQ	98.2090, -52.3570, -14.7970

Conversions

Conversions Part 2

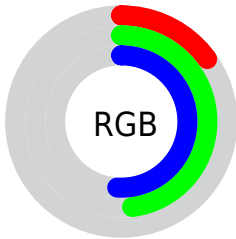
Format	Color
R_{YB}	39, 83, 131
Decimal	2587267
CIE _{Lab}	46.96, -21.30, -12.15
CIE _{LCh}	47, 24.516, 209.701
Yxy	15.9891, 0.2295, 0.3086
Android (android.graphics.Color)	4280777347 (0xFF277A83)
YUV	98.2090, 16.1660, -51.9263
Hunter-Lab	39.9864, -16.8857, -7.4950




Details

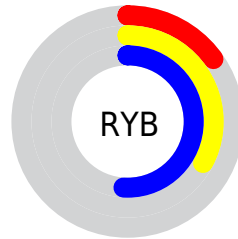
The Hex color **277A83** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **833027**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **62AFB8**, and **004952** is the 20% darker color. If you saturate the color by 10%, you get **1A7983**, and if you desaturate by 10%, it is **347B83**.

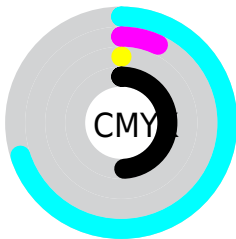
Distribution







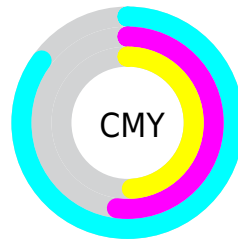
-  Red (15%)
-  Green (48%)
-  Blue (51%)






-  Red (15%)
-  Yellow (33%)
-  Blue (51%)



-  Cyan (70%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (85%)
-  Magenta (52%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 277A83 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 277A83 by changing the saturation by 10% instead.

 277A83

 277A83

FFFFFF

 00616A

 62AFB8

 004952

 7DCAD4

 00323B

 99E6F0

 001E25

 B6FFFF

 000110

 D3FFFF

 000000

 F0FFFF

 277A83

 277A83

 1A7983

 347B83

■ 0D7783

■ 417D83

■ 007683

■ 4E7E83

■ 5B7F83

■ 698083

■ 768283

■ 838383

■ 908483

■ 9D8683

Harmonies

Analogous

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



377A6E



277A83



347792

Triad

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



277A83



896384



7E6E46

Complementary

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



277A83



833027

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.



8E674C



277A83



966070

Square

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



277A83



726A93



97615C



68744B

Rectangle

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



277A83



487397



97615C



846C47

Sweetspot

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



277A83



87A7AB



27832F



415557



D6D6D6



575757

Same Dimension

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



277A83



1B9DAB



274D83



3C4242



007582



000203

Inverse Universe

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



83277A



AB1B9D



835D27



423C42



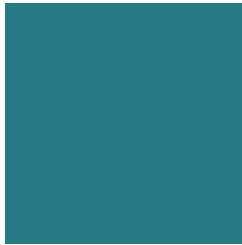
820075



030002

Previews

White Background



This preview shows how the Hex color 277A83 looks on a white background.

Color Contrast Check

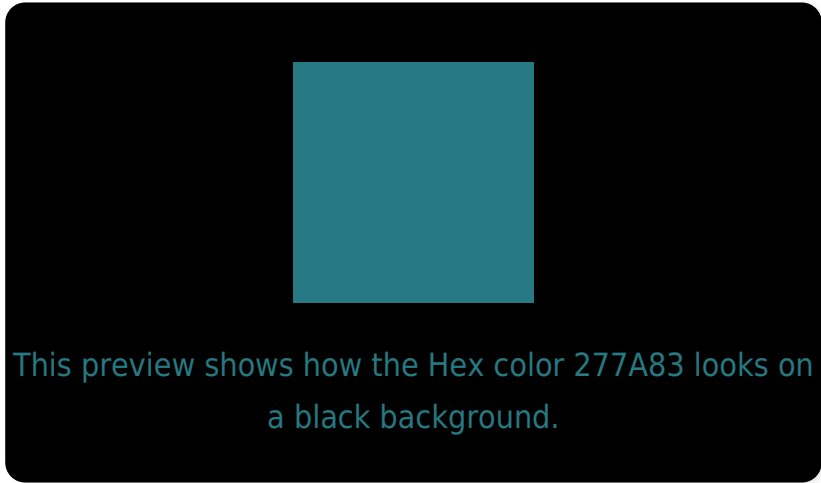
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

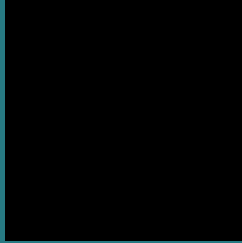
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 277A83 Background



This preview shows how black text looks on a background with the Hex color 277A83.

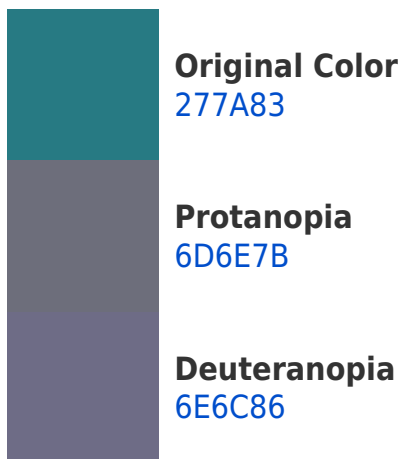



This preview shows how white text looks on a background with the Hex color 277A83.

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
277A84

Trichromacy



Original Color
277A83

Protanomaly
54727E

Deuteranomaly
547185

Tritanomaly
277A84

Monochromacy



Original Color
277A83

Achromatopsia
626262

Achromatomaly
4D6B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 277A83 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 #277A83 looks like.

```
.text, #text, p{  
    color:#277A83  
}
```

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 #277A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #277A83
}
```

Border

The CSS property to change the border of an element to Hex 277A83 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
#277A83 }
```

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

```
.border{ border-color:#277A83 }
```

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

Here you see how a box with a 4 pixel #277A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #277A83; -webkit-box-shadow:4px 4px  
4px 4px #277A83; box-shadow:4px 4px 4px  
4px #277A83 }
```

Background

The CSS property to change the background color of an element to Hex 277A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#277A83 }
```

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

```
.background{ background-color:#277A83 }
```

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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