

# Converting Colors

Hex(277082)

Have a look what the booklet for  
Hex(277082) contains.

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# Color

Hex(277082)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	277082
RGB	39, 112, 130
RGB Percent	15%, 44%, 51%
CMY	0.8471, 0.5608, 0.4902
CMYK	0.70, 0.14, 0.00, 0.49
HSL	192°, 54%, 33%
HSV	192°, 70%, 51%
XYZ	10.6601, 13.6314, 23.1884
YIQ	92.2250, -49.2860, -9.8780

# Conversions

## Conversions Part 2

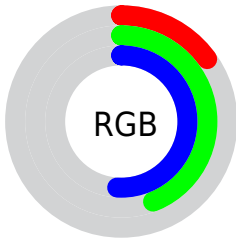
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 80, 130
Decimal	2584706
CIE <sub>Lab</sub>	43.70, -16.20, -16.51
CIE <sub>LCh</sub>	44, 23.127, 225.536
Yxy	13.6314, 0.2245, 0.2871
Android (android.graphics.Color)	4280774786 (0xFF277082)
YUV	92.2250, 18.6231, -46.6783
Hunter-Lab	36.9207, -13.0728, -11.3931




# Details

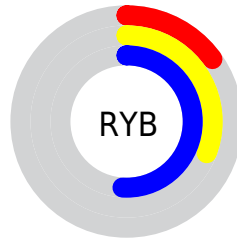
The Hex color **277082** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **823927**, and the grayscale version is **5C5C5C**.




A 20% lighter version of the original color is **60A4B7**, and **004051** is the 20% darker color. If you saturate the color by 10%, you get **1A6D82**, and if you desaturate by 10%, it is **347382**.

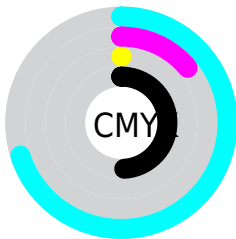
# Distribution







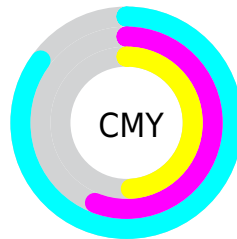
-  Red (15%)
-  Green (44%)
-  Blue (51%)






-  Red (15%)
-  Yellow (31%)
-  Blue (51%)



-  Cyan (70%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (85%)
-  Magenta (56%)
-  Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 277082 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 277082 by changing the saturation by 10% instead.



■ 277082

■ 277082

FFFFFF

■ 005769

■ 60A4B7

■ 004051

■ 7CBFD3

■ 002A3A

■ 98DBEF

■ 001724

■ B4F7FF

■ 00010D

■ D1FFFF

■ 000000

■ EEEFFF

■ 277082

■ 277082

■ 1A6D82

■ 347382

0D6B82

417582

006882

4E7882

5B7A82

687D82

757F82

828282

8F8582

9C8782

# Harmonies

## Analogous

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



297271



277082



3F6C8C

# Triad

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



277082



875A71



6A6942

# Complementary

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



277082



823927

# 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.



7D6342



277082



8D595E

# Square

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



277082



765F82



895D4D



556E4C

# Rectangle

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



277082



53688D



895D4D



716741



# Sweetspot

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



277082



85A1A8



278238



3F5054



D4D4D4



545454



# Same Dimension

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



277082



1B8CA8



274482



393E40



006680



000000



# Inverse Universe

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



822770



A81B8C



826527



40393E



800066



000000



# Previews

## White Background



This preview shows how the Hex color 277082 looks on a white background.

## Color Contrast Check

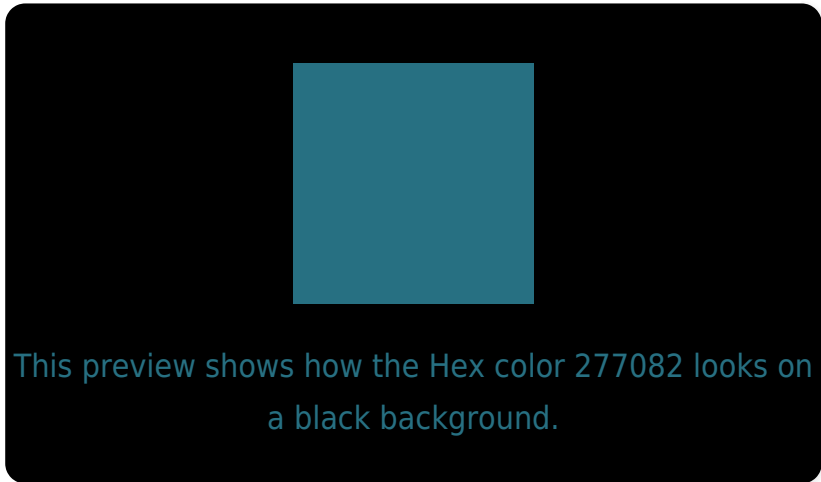
Large Text (above 18pt) WCAG AA ✓ Pass

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

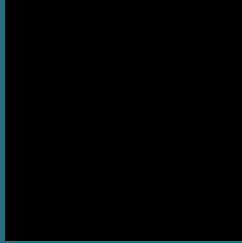
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

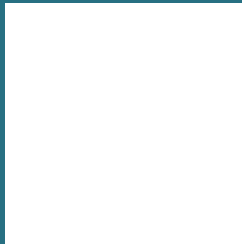
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 277082 Background



This preview shows how black text looks on a background with the Hex color 277082.

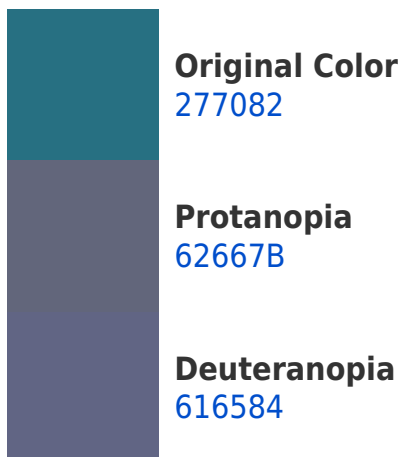


This preview shows how white text looks on a background with the Hex color 277082.

# 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**  
22717A

# Trichromacy



**Original Color**  
277082

**Protanomaly**  
4D6A7E

**Deuteranomaly**  
4C6983

**Tritanomaly**  
24717D

# Monochromacy



**Original Color**  
277082

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
49636A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 277082 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 #277082 looks like.

```
.text, #text, p{  
    color:#277082  
}
```

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 #277082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #277082
}
```

## Border

The CSS property to change the border of an element to Hex 277082 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
#277082 }
```

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

```
.border{ border-color:#277082 }
```

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

Here you see how a box with a 4 pixel #277082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #277082; -webkit-box-shadow:4px 4px  
4px 4px #277082; box-shadow:4px 4px 4px  
4px #277082 }
```

# Background

The CSS property to change the background color of an element to Hex 277082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#277082 }
```

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

```
.background{ background-color:#277082 }
```

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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