

Converting Colors

Hex(007281)

Have a look what the booklet for
Hex(007281) contains.

Hex(007281)	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(007281)

Conversions

Conversions Part 1

Format	Color
Hex	007281
RGB	0, 114, 129
RGB Percent	0%, 45%, 51%
CMY	1.0000, 0.5529, 0.4941
CMYK	1.00, 0.12, 0.00, 0.49
HSL	187°, 100%, 25%
HSV	187°, 100%, 51%
XYZ	9.9798, 13.6196, 22.8717
YIQ	81.6240, -72.7590, -19.5030

Conversions

Conversions Part 2

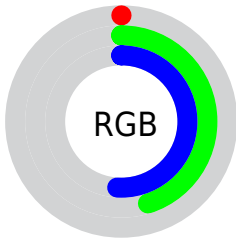
Format	Color
RYB	0, 61, 129
Decimal	29313
CIELab	43.68, -21.37, -15.99
CIELCh	44, 26.688, 216.805
Yxy	13.6196, 0.2148, 0.2931
Android (android.graphics.Color)	4278219393 (0xFF007281)
YUV	81.6240, 23.3564, -71.5842
Hunter-Lab	36.9048, -16.3134, -10.9117

Details

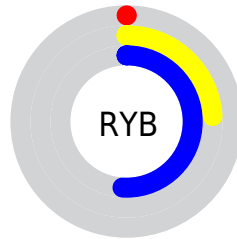
The Hex color **007281** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **810F00**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **50A6B6**, and **004250** is the 20% darker color. If you saturate the color by 10%, you get **007281**, and if you desaturate by 10%, it is **0D7481**.

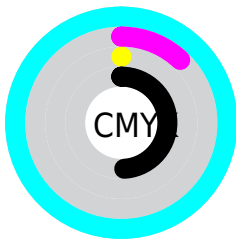
Distribution



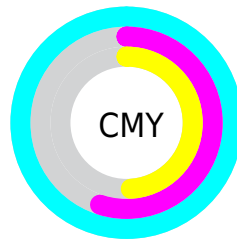
- Red (0%)
- Green (45%)
- Blue (51%)



- Red (0%)
- Yellow (24%)
- Blue (51%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007281 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 007281 by changing the saturation by 10% instead.

007281

007281

FFFFFF

005968

50A6B6

004250

6DC1D1

002B39

89DDEE

001723

A6FAFF

00000C

C3FFFF

000000

E0FFFF

FEFFFF

007281

■ 0D7481

■ 1A7581

■ 277781

■ 347881

■ 417A81

■ 4D7B81

■ 5A7D81

■ 677E81

■ 748081

Harmonies

Analogous

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



1D736C



007281



276E8F

Triad

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



007281



875979



71683B

Complementary

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



007281



810F00

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.



84603F



007281



925663

Square

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



007281



70608B



90594E



596E43

Rectangle

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



007281



436A93



90594E



78653B

Sweetspot

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



007281



76A2A8



00810D



365154



D4D4D4



545454

Same Dimension

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



007281



0095A8



003481



393F40



007180



000000

Inverse Universe

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



810072



A80095



814D00



40393F



800071



000000

Previews

White Background



This preview shows how the Hex color 007281 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

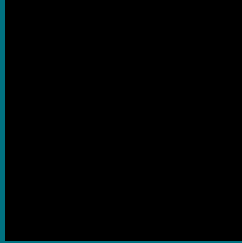
Any Text WCAG AA × Fail

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 007281 Background



This preview shows how black text looks on a background with the Hex color 007281.

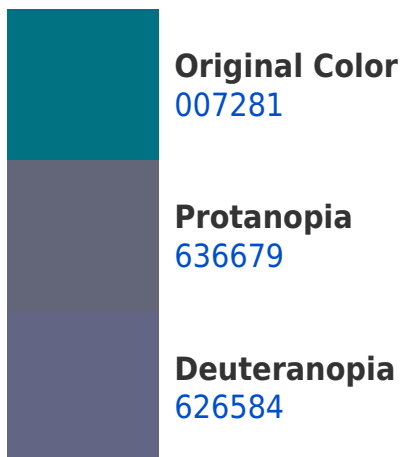


This preview shows how white text looks on a background with the Hex color 007281.

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](#).

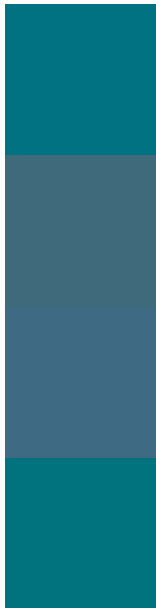
Dichromacy





Tritanopia
00737C

Trichromacy



Original Color
007281

Protanomaly
3F6A7C

Deuteranomaly
3E6A83

Tritanomaly
00737E

Monochromacy



Original Color
007281

Achromatopsia
525252

Achromatomaly
345E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 007281 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 #007281 looks like.

```
.text, #text, p{  
    color:#007281  
}
```

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 #007281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007281
}
```

Border

The CSS property to change the border of an element to Hex 007281 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
#007281 }
```

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

```
.border{ border-color:#007281 }
```

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

Here you see how a box with a 4 pixel #007281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007281; -webkit-box-shadow:4px 4px  
4px 4px #007281; box-shadow:4px 4px 4px  
4px #007281 }
```

Background

The CSS property to change the background color of an element to Hex 007281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007281 }
```

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

```
.background{ background-color:#007281 }
```

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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