

Converting Colors

Hex(227F7F)

Have a look what the booklet for
Hex(227F7F) contains.

Hex(227F7F)	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(227F7F)

Conversions

Conversions Part 1

Format	Color
Hex	227F7F
RGB	34, 127, 127
RGB Percent	13%, 50%, 50%
CMY	0.8667, 0.5020, 0.5020
CMYK	0.73, 0.00, 0.00, 0.50
HSL	180°, 58%, 32%
HSV	180°, 73%, 50%
XYZ	12.0798, 17.0511, 22.7332
YIQ	99.1930, -55.4280, -19.7160

Conversions

Conversions Part 2

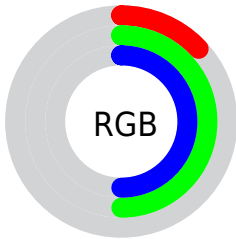
Format	Color
R _Y B	34, 81, 127
Decimal	2260863
CIE Lab	48.32, -25.87, -7.74
CIE LCh	48, 27.007, 196.665
Yxy	17.0511, 0.2329, 0.3288
Android (android.graphics.Color)	4280450943 (0xFF227F7F)
YUV	99.1930, 13.7089, -57.1743
Hunter-Lab	41.2930, -20.0445, -3.7360

Details

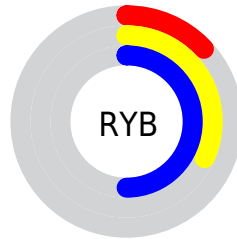
The Hex color **227F7F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F2222**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5FB4B4**, and **004D4E** is the 20% darker color. If you saturate the color by 10%, you get **157F7F**, and if you desaturate by 10%, it is **2F7F7F**.

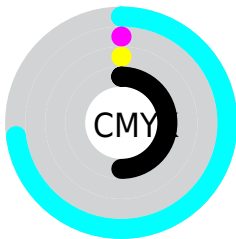
Distribution



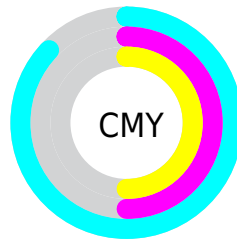
- Red (13%)
- Green (50%)
- Blue (50%)



- Red (13%)
- Yellow (32%)
- Blue (50%)



- Cyan (73%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (87%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227F7F 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 227F7F by changing the saturation by 10% instead.

 227F7F

 227F7F

FFFFFF

 006666

 5FB4B4

 004D4E

 7BD0CF

 003637

 97ECEB

 002222

 B3FFFF

 00000C

 D0FFFF

 000000

 EEEFFF

 227F7F

 227F7F

 157F7F

 2F7F7F

■ 097F7F

■ 3B7F7F

■ 007F7F

■ 487F7F

■ 557F7F

■ 627F7F

■ 6E7F7F

■ 7B7F7F

■ 887F7F

■ 947F7F

Harmonies

Analogous

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



3F7E67



227F7F



1F7D93

Triad

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



227F7F



856892



8B6E46

Complementary

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



227F7F



7F2222

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.



9A6653



227F7F



99627E

Square

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



227F7F



67719E



A06167



757546

Rectangle

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



227F7F



357A9C



A06167



916B49

Sweetspot

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



227F7F



81A6A6



227F22



3E5454



D4D4D4



545454

Same Dimension

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



227F7F



14A6A6



22517F



394040



008080



000000

Inverse Universe

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



7F227F



A614A6



7F5122



403940



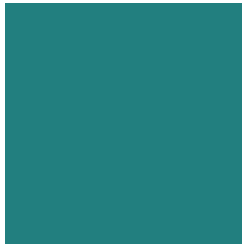
800080



000000

Previews

White Background



This preview shows how the Hex color 227F7F looks on a white background.

Color Contrast Check

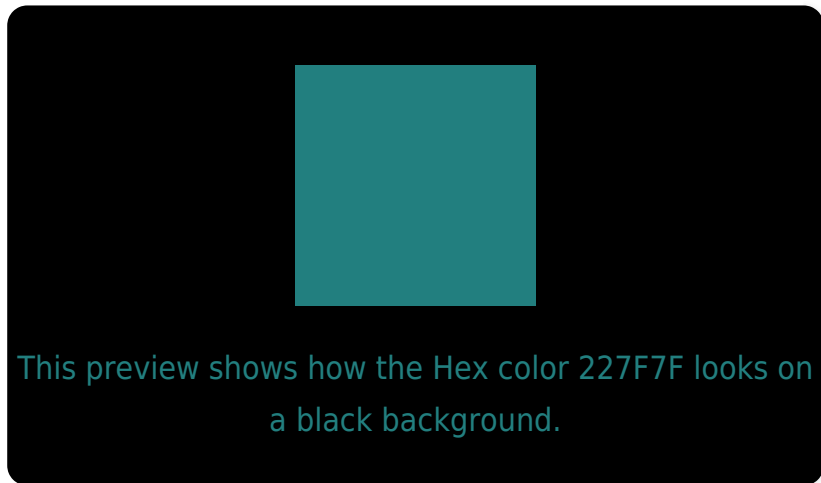
Large Text (above 18pt) WCAG AA ✓ Pass

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 227F7F Background



This preview shows how black text looks on a background with the Hex color 227F7F.



This preview shows how white text looks on a background with the Hex color 227F7F.

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
287E88

Trichromacy



Original Color
227F7F

Protanomaly
56767A

Deuteranomaly
577581

Tritanomaly
267E85

Monochromacy



Original Color
227F7F

Achromatopsia
636363

Achromatomaly
4B6D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 227F7F 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 #227F7F looks like.

```
.text, #text, p{  
    color:#227F7F  
}
```

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 #227F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227F7F
}
```

Border

The CSS property to change the border of an element to Hex 227F7F 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
#227F7F }
```

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

```
.border{ border-color:#227F7F }
```

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

Here you see how a box with a 4 pixel #227F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227F7F; -webkit-box-shadow:4px 4px  
4px 4px #227F7F; box-shadow:4px 4px 4px  
4px #227F7F }
```

Background

The CSS property to change the background color of an element to Hex 227F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227F7F }
```

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

```
.background{ background-color:#227F7F }
```

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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