

Converting Colors

Hex(207A80)

Have a look what the booklet for
Hex(207A80) contains.

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Color

Hex(207A80)

Conversions

Conversions Part 1

Format	Color
Hex	207A80
RGB	32, 122, 128
RGB Percent	13%, 48%, 50%
CMY	0.8745, 0.5216, 0.4980
CMYK	0.75, 0.05, 0.00, 0.50
HSL	184°, 60%, 31%
HSV	184°, 75%, 50%
XYZ	11.4515, 15.7847, 22.8653
YIQ	95.7740, -55.5660, -17.2140

Conversions

Conversions Part 2

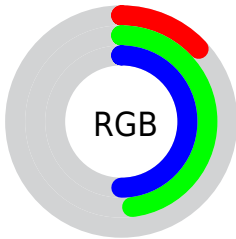
Format	Color
RYB	32, 78, 128
Decimal	2128512
CIELab	46.69, -23.27, -10.79
CIELCh	47, 25.648, 204.881
Yxy	15.7847, 0.2286, 0.3151
Android (android.graphics.Color)	4280318592 (0xFF207A80)
YUV	95.7740, 15.8874, -55.9298
Hunter-Lab	39.7299, -18.0777, -6.3115

Details

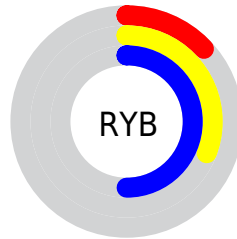
The Hex color **207A80** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **802620**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5DAFB5**, and **00494F** is the 20% darker color. If you saturate the color by 10%, you get **137980**, and if you desaturate by 10%, it is **2D7B80**.

Distribution



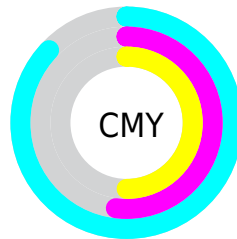
- Red (13%)
- Green (48%)
- Blue (50%)



- Red (13%)
- Yellow (31%)
- Blue (50%)



- Cyan (75%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (87%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 207A80 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 207A80 by changing the saturation by 10% instead.

 207A80

 207A80

FFFFFF

 006167

 5DAFB5

 00494F

 79CAD0

 003238

 95E7ED

 001E23

 B2FFFF

 00000C

 CEFFFF

 000000

 ECFFFF

 207A80

 207A80

 137980

 2D7B80

067880

3A7C80

007880

467C80

537D80

607E80

6D7F80

7A8080

868080

938180

Harmonies

Analogous

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



377A6A



207A80



297791

Triad

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



207A80



866388



816C44

Complementary

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



207A80



802620

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.



91654C



207A80



965E73

Square

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



207A80



6C6A96



995F5E



6B7347

Rectangle

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



207A80



3F7498



995F5E



876A45

Sweetspot

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



207A80



80A3A6



208025



3D5354



D4D4D4



545454

Same Dimension

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



207A80



119CA6



204B80



393F40



007880



000000

Inverse Universe

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



80207A



A6119C



805520



40393F



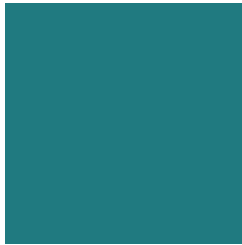
800078



000000

Previews

White Background



This preview shows how the Hex color 207A80 looks on a white background.

Color Contrast Check

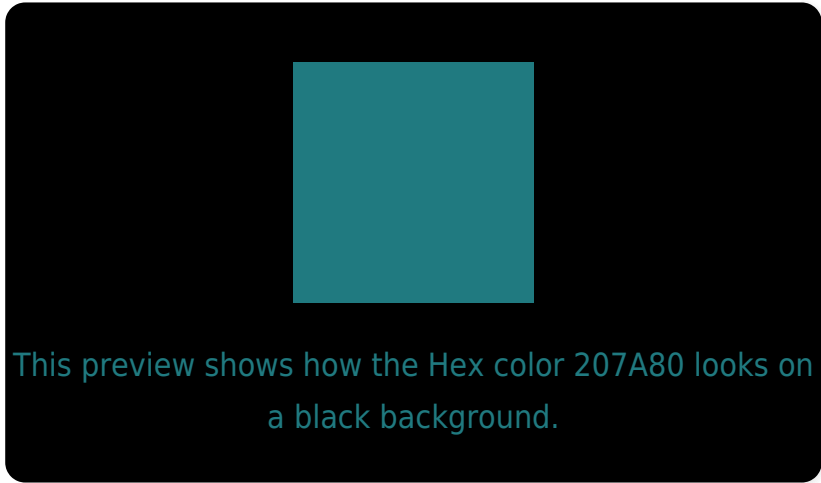
Large Text (above 18pt) WCAG AA ✓ Pass

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

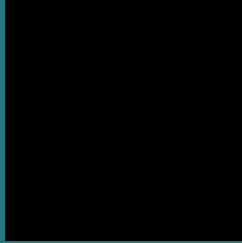
Any Text WCAG AA × Fail

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 207A80 Background



This preview shows how black text looks on a background with the Hex color 207A80.

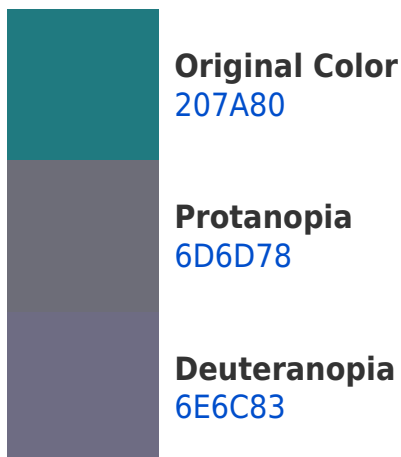


This preview shows how white text looks on a background with the Hex color 207A80.

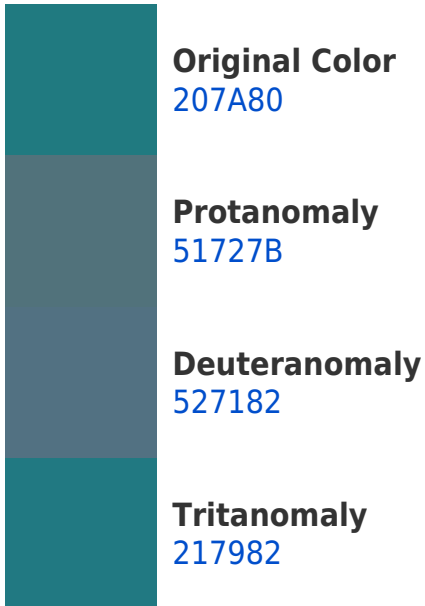
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 207A80 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 #207A80 looks like.

```
.text, #text, p{  
    color:#207A80  
}
```

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 #207A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207A80
}
```

Border

The CSS property to change the border of an element to Hex 207A80 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
#207A80 }
```

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

```
.border{ border-color:#207A80 }
```

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

Here you see how a box with a 4 pixel #207A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207A80; -webkit-box-shadow:4px 4px  
4px 4px #207A80; box-shadow:4px 4px 4px  
4px #207A80 }
```

Background

The CSS property to change the background color of an element to Hex 207A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207A80 }
```

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

```
.background{ background-color:#207A80 }
```

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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