

Converting Colors

Hex(207A88)

Have a look what the booklet for
Hex(207A88) contains.

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Color

Hex(207A88)

Conversions

Conversions Part 1

Format	Color
Hex	207A88
RGB	32, 122, 136
RGB Percent	13%, 48%, 53%
CMY	0.8745, 0.5216, 0.4667
CMYK	0.76, 0.10, 0.00, 0.47
HSL	188°, 62%, 33%
HSV	188°, 76%, 53%
XYZ	11.9991, 16.0037, 25.7492
YIQ	96.6860, -58.1340, -14.7260

Conversions

Conversions Part 2

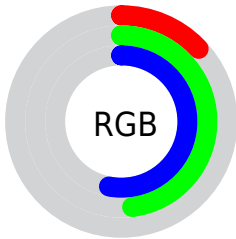
Format	Color
R_{YB}	32, 80, 136
Decimal	2128520
CIE _{Lab}	46.98, -20.64, -15.09
CIE _{LCh}	47, 25.567, 216.184
Yxy	16.0037, 0.2232, 0.2977
Android (android.graphics.Color)	4280318600 (0xFF207A88)
YUV	96.6860, 19.3818, -56.7296
Hunter-Lab	40.0046, -16.4682, -10.1590




Details

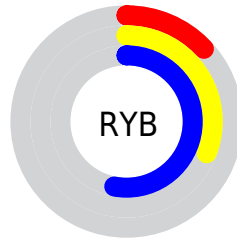
The Hex color **207A88** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **882E20**, and the grayscale version is **616161**.




A 20% lighter version of the original color is **5EAFBD**, and **004956** is the 20% darker color. If you saturate the color by 10%, you get **127888**, and if you desaturate by 10%, it is **2E7C88**.

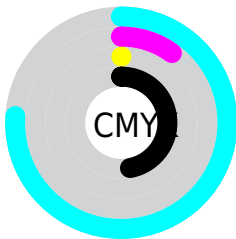
Distribution







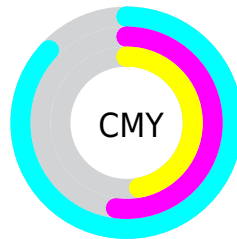
-  Red (13%)
-  Green (48%)
-  Blue (53%)






-  Red (13%)
-  Yellow (31%)
-  Blue (53%)



-  Cyan (76%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (87%)
-  Magenta (52%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 207A88 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 207A88 by changing the saturation by 10% instead.

 207A88

 207A88

FFFFFF

 00616F

 5EAFBD

 004956

 7ACAD9

 00323F

 97E6F6

 001E29

 B3FFFF

 000115

 D0FFFF

 000000

 EDFFFF

 207A88

 207A88

 127888

 2E7C88

■ 057688

■ 3B7E88

■ 007688

■ 497F88

■ 568188

■ 648388

■ 728588

■ 7F8788

■ 8D8988

■ 9A8A88

Harmonies

Analogous

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



2E7B73



207A88



367696

Triad

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



207A88



8E6281



7A7044

Complementary

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



207A88



882E20

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.



8C6849



207A88



995F6C

Square

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



207A88



786892



986257



62764C

Rectangle

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



207A88



4D729A



986257



806D44

Sweetspot

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



207A88



87ABB0



20882E



405659



D9D9D9



595959

Same Dimension

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



207A88



0E9AB0



204688



3E4445



007385



000405

Inverse Universe

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



88207A



B00E9A



886220



453E44



850073



050004

Previews

White Background



This preview shows how the Hex color 207A88 looks on a white background.

Color Contrast Check

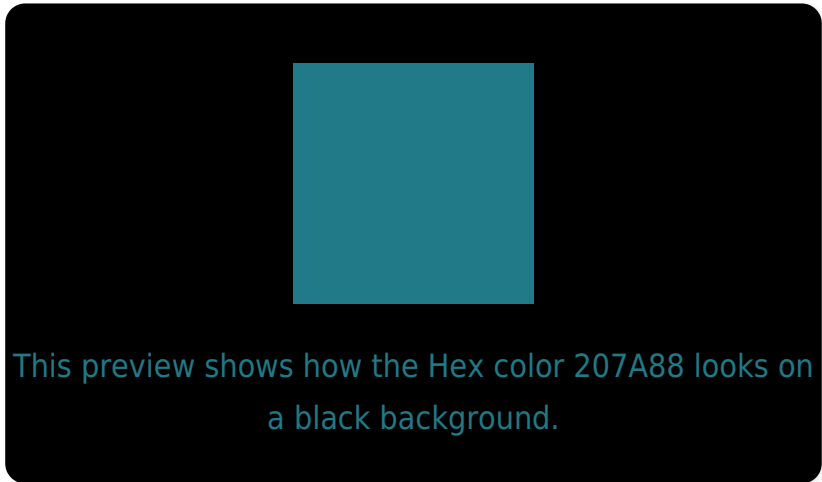
Large Text (above 18pt) WCAG AA ✓ Pass

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

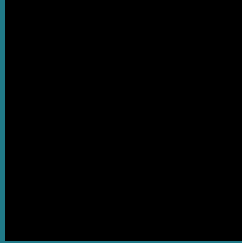
Any Text WCAG AA × Fail

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 207A88 Background



This preview shows how black text looks on a background with the Hex color 207A88.

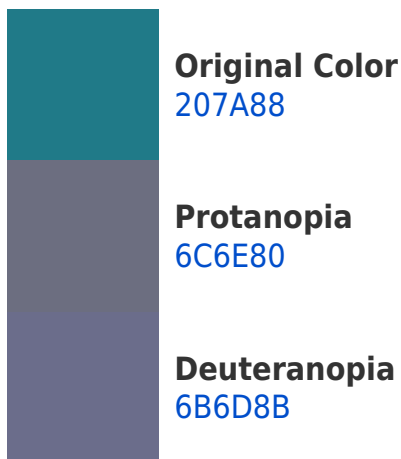


This preview shows how white text looks on a background with the Hex color 207A88.

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
1D7B85

Trichromacy



Original Color
207A88

Protanomaly
507283

Deuteranomaly
50728A

Tritanomaly
1E7B86

Monochromacy



Original Color
207A88

Achromatopsia
616161

Achromatomaly
496A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 207A88 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 #207A88 looks like.

```
.text, #text, p{  
    color:#207A88  
}
```

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 #207A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207A88
}
```

Border

The CSS property to change the border of an element to Hex 207A88 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
#207A88 }
```

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

```
.border{ border-color:#207A88 }
```

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

Here you see how a box with a 4 pixel #207A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207A88; -webkit-box-shadow:4px 4px  
4px 4px #207A88; box-shadow:4px 4px 4px  
4px #207A88 }
```

Background

The CSS property to change the background color of an element to Hex 207A88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207A88 }
```

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

```
.background{ background-color:#207A88 }
```

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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