

Converting Colors

Hex(20877C)

Have a look what the booklet for
Hex(20877C) contains.

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Color

Hex(20877C)

Conversions

Conversions Part 1

Format	Color
Hex	20877C
RGB	32, 135, 124
RGB Percent	13%, 53%, 49%
CMY	0.8745, 0.4706, 0.5137
CMYK	0.76, 0.00, 0.08, 0.47
HSL	174°, 62%, 33%
HSV	174°, 76%, 53%
XYZ	12.8977, 19.0903, 22.0738
YIQ	102.9490, -57.8570, -25.2570

Conversions

Conversions Part 2

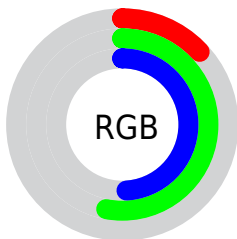
Format	Color
RYB	32, 86, 135
Decimal	2131836
CIELab	50.79, -30.96, -2.33
CIELCh	51, 31.049, 184.305
Yxy	19.0903, 0.2386, 0.3531
Android (android.graphics.Color)	4280321916 (0xFF20877C)
YUV	102.9490, 10.3781, -62.2223
Hunter-Lab	43.6924, -23.7696, 0.6308

Details

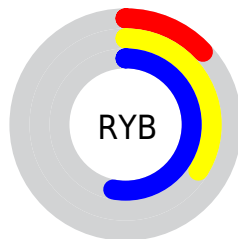
The Hex color **20877C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87202B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5FBDB0**, and **00544B** is the 20% darker color. If you saturate the color by 10%, you get **13877B**, and if you desaturate by 10%, it is **2E877D**.

Distribution



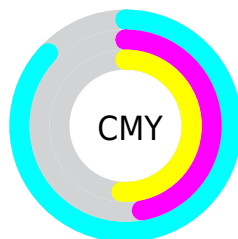
- Red (13%)
- Green (53%)
- Blue (49%)



- Red (13%)
- Yellow (34%)
- Blue (53%)



- Cyan (76%)
- Magenta (0%)
- Yellow (8%)
- Black (47%)



- Cyan (87%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20877C 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 20877C by changing the saturation by 10% instead.

 20877C

 20877C

FFFFFF

 006D63

 5FBDB0

 00544B

 7BD9CC

 003D35

 97F5E8

 002720

 B4FFFF

 000608

 D1FFFF

 000000

 EEEFFF

 20877C

 20877C

 13877B

 2E877D

■ 058779

■ 3B877F

■ 008779

■ 498780

■ 568782

■ 648783

■ 718785

■ 7F8786

■ 8C8788

■ 9A8789

Harmonies

Analogous

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



4A8561



20877C



008696

Triad

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



20877C



8171A5



9D6F4A

Complementary

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



20877C



87202B

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.



AA675C



20877C



9D6890

Square

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



20877C



587AAD



AB6476



867943

Rectangle

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



20877C



0984A3



AB6476



A26C4F

Sweetspot

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



20877C



87B0AC



2C8720



405957



D9D9D9



595959

Same Dimension

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



20877C



0EB09F



206087



3C4242



008274



000302

Inverse Universe

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



87202B



B00E1F



874720



423C3C



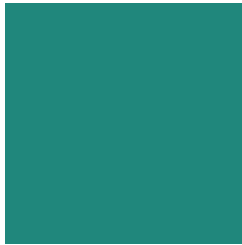
82000E



030000

Previews

White Background



This preview shows how the Hex color 20877C looks on a white background.

Color Contrast Check

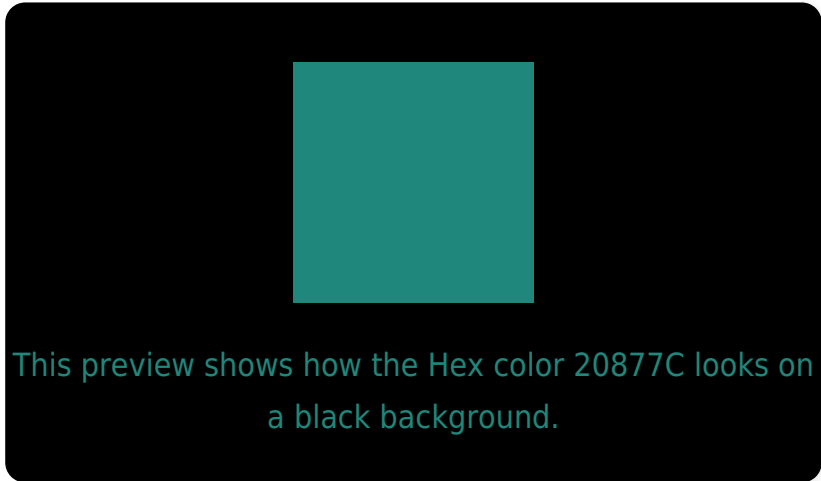
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

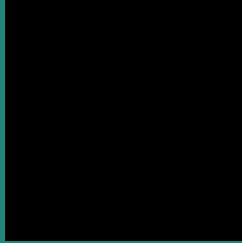
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 20877C Background



This preview shows how black text looks on a background with the Hex color 20877C.

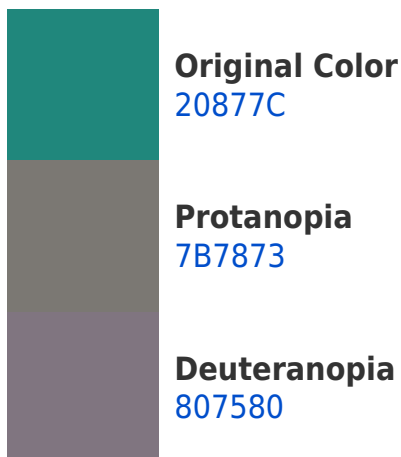


This preview shows how white text looks on a background with the Hex color 20877C.

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
2C848F

Trichromacy



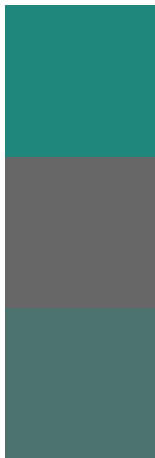
Original Color
20877C

Protanomaly
5A7D76

Deuteranomaly
5D7C7F

Tritanomaly
288588

Monochromacy



Original Color
20877C

Achromatopsia
676767

Achromatomaly
4D736F

CSS Examples

Text

The CSS property to change the color of the text to Hex 20877C 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 #20877C looks like.

```
.text, #text, p{  
    color:#20877C  
}
```

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 #20877C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20877C
}
```

Border

The CSS property to change the border of an element to Hex 20877C 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
#20877C }
```

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

```
.border{ border-color:#20877C }
```

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

Here you see how a box with a 4 pixel #20877C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20877C; -webkit-box-shadow:4px 4px  
4px 4px #20877C; box-shadow:4px 4px 4px  
4px #20877C }
```

Background

The CSS property to change the background color of an element to Hex 20877C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20877C }
```

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

```
.background{ background-color:#20877C }
```

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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