

Converting Colors

Hex(1C8277)

Have a look what the booklet for
Hex(1C8277) contains.

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Color

Hex(1C8277)

Conversions

Conversions Part 1

Format	Color
Hex	1C8277
RGB	28, 130, 119
RGB Percent	11%, 51%, 47%
CMY	0.8902, 0.4902, 0.5333
CMYK	0.78, 0.00, 0.08, 0.49
HSL	174°, 65%, 31%
HSV	174°, 78%, 51%
XYZ	11.7913, 17.5440, 20.2176
YIQ	98.2480, -57.2610, -25.0450

Conversions

Conversions Part 2

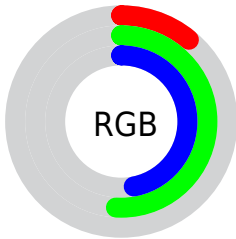
Format	Color
RYB	28, 82, 130
Decimal	1868407
CIELab	48.94, -30.54, -2.14
CIELCh	49, 30.611, 184.004
Yxy	17.5440, 0.2380, 0.3540
Android (android.graphics.Color)	4280058487 (0xFF1C8277)
YUV	98.2480, 10.2307, -61.6075
Hunter-Lab	41.8856, -23.0500, 0.7014

Details

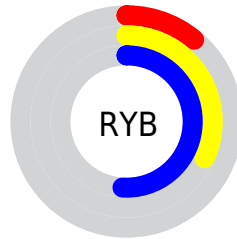
The Hex color **1C8277** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **821C27**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5BB8AB**, and **005047** is the 20% darker color. If you saturate the color by 10%, you get **0F8276**, and if you desaturate by 10%, it is **298278**.

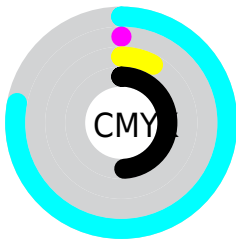
Distribution



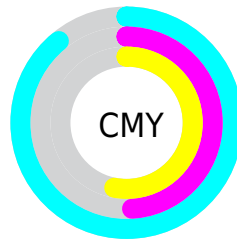
- Red (11%)
- Green (51%)
- Blue (47%)



- Red (11%)
- Yellow (32%)
- Blue (51%)



- Cyan (78%)
- Magenta (0%)
- Yellow (8%)
- Black (49%)



- Cyan (89%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8277 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 1C8277 by changing the saturation by 10% instead.

 1C8277

 1C8277

FFFFFF

 00685E

 5BB8AB

 005047

 77D3C6

 003830

 94F0E2

 00241C

 B0FFFF

 000001

 CDFFFF

 000000

 EAFFFF

 1C8277

 1C8277

 0F8276

 298278

028274

36827A

008274

43827B

50827D

5D827E

6A827F

778281

848282

918284

Harmonies

Analogous

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



46805D



1C8277



008190

Triad

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



1C8277



7C6C9F



976B46

Complementary

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



1C8277



821C27

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.



A46359



1C8277



98648B

Square

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



1C8277



5376A8



A56072



827440

Rectangle

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



1C8277



007F9E



A56072



9D684B

Sweetspot

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



1C8277



80A8A4



28821C



3C5452



D4D4D4



545454

Same Dimension

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



1C8277



0AA897



1C5B82



39403F



008072



000000

Inverse Universe

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



821C27



A80A1B



82431C



40393A



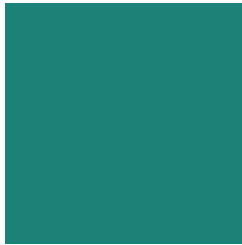
80000E



000000

Previews

White Background



This preview shows how the Hex color 1C8277 looks on a white background.

Color Contrast Check

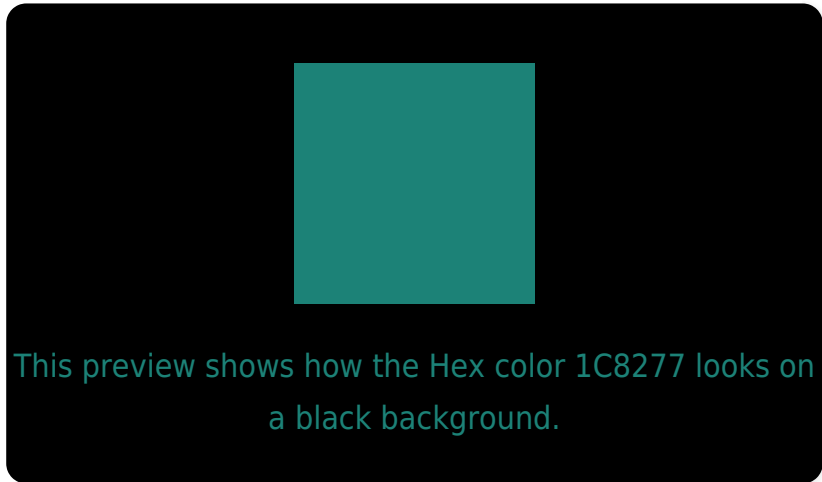
Large Text (above 18pt) WCAG AA ✓ Pass

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

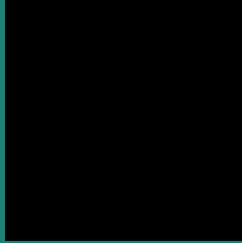
Any Text WCAG AA ✓ Pass

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 1C8277 Background



This preview shows how black text looks on a background with the Hex color 1C8277.

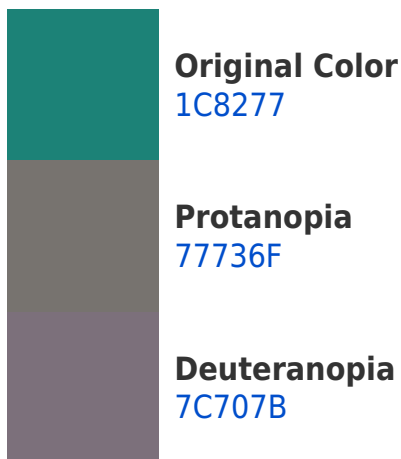


This preview shows how white text looks on a background with the Hex color 1C8277.

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
297F8A

Trichromacy



Original Color
1C8277



Protanomaly
567872



Deuteranomaly
59777A



Tritanomaly
248083

Monochromacy



Original Color
1C8277



Achromatopsia
626262



Achromatomaly
496E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8277 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 #1C8277 looks like.

```
.text, #text, p{  
    color:#1C8277  
}
```

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 #1C8277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8277  
}
```

Border

The CSS property to change the border of an element to Hex 1C8277 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  
#1C8277 }
```

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

```
.border{ border-color:#1C8277 }
```

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

Here you see how a box with a 4 pixel #1C8277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8277; -webkit-box-shadow:4px 4px  
4px 4px #1C8277; box-shadow:4px 4px 4px  
4px #1C8277 }
```

Background

The CSS property to change the background color of an element to Hex 1C8277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8277 }
```

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

```
.background{ background-color:#1C8277 }
```

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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