

# Converting Colors

Hex(1D8276)

Have a look what the booklet for  
Hex(1D8276) contains.

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**Color**

**Hex(1D8276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D8276
RGB	29, 130, 118
RGB Percent	11%, 51%, 46%
CMY	0.8863, 0.4902, 0.5373
CMYK	0.78, 0.00, 0.09, 0.49
HSL	173°, 64%, 31%
HSV	173°, 78%, 51%
XYZ	11.7593, 17.5345, 19.9043
YIQ	98.4330, -56.3440, -25.1440

# Conversions

## Conversions Part 2

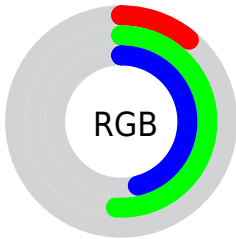
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 83, 130
Decimal	1933942
CIE <sub>Lab</sub>	48.93, -30.71, -1.57
CIE <sub>LCh</sub>	49, 30.751, 182.918
Yxy	17.5345, 0.2390, 0.3564
Android (android.graphics.Color)	4280124022 (0xFF1D8276)
YUV	98.4330, 9.6465, -60.8927
Hunter-Lab	41.8742, -23.1525, 1.1293

# Details

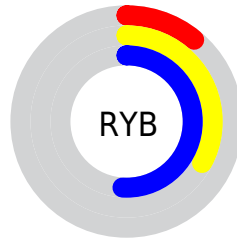
The Hex color **1D8276** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **821D29**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5CB8AA**, and **005046** is the 20% darker color. If you saturate the color by 10%, you get **108274**, and if you desaturate by 10%, it is **2A8278**.

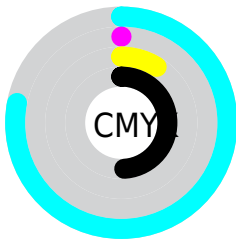
# Distribution



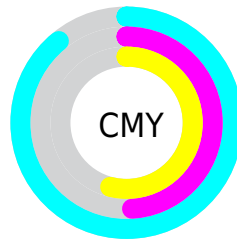
- Red (11%)
- Green (51%)
- Blue (46%)



- Red (11%)
- Yellow (33%)
- Blue (51%)



- Cyan (78%)
- Magenta (0%)
- Yellow (9%)
- Black (49%)



- Cyan (89%)
- Magenta (49%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D8276 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 1D8276 by changing the saturation by 10% instead.



 1D8276

 1D8276

FFFFFF

 00685D

 5CB8AA

 005046

 78D3C5

 003830

 94F0E1

 00241B

 B0FFFE

 000000

 CDFFFF

 EBFFFF

 1D8276

 1D8276

 108274

 2A8278

038273

378279

008273

44827B

51827C

5E827E

6B827F

788281

858282

928284

# Harmonies

## Analogous

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



47805C



1D8276



008190

# Triad

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



1D8276



7A6DA0



986A46

# Complementary

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



1D8276



821D29

# 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.



A56259



1D8276



97648C

# Square

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



1D8276



5176A8



A56073



83743F

# Rectangle

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



1D8276



007F9D



A56073



9E674C



# Sweetspot

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



1D8276



82A8A4



2A821D



3D5451



D4D4D4



545454



# Same Dimension

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



1D8276



0CA896



1D5D82



39403F



008070



000000



# Inverse Universe

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



821D29



A80C1E



82421D



40393A



80000F

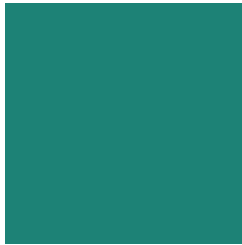


000000



# Previews

## White Background



This preview shows how the Hex color 1D8276 looks on a white background.

## Color Contrast Check

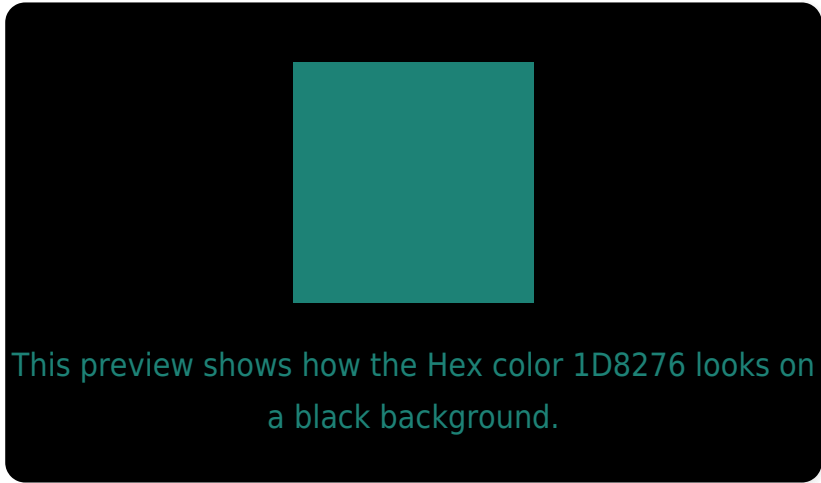
Large Text (above 18pt) WCAG AA ✓ Pass

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

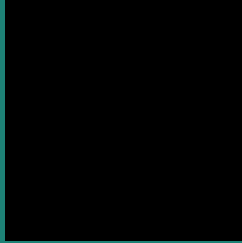
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1D8276 Background



This preview shows how black text looks on a background with the Hex color 1D8276.

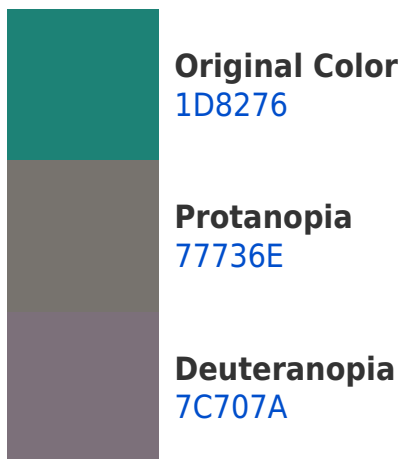


This preview shows how white text looks on a background with the Hex color 1D8276.

# 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**  
2A7F89

# Trichromacy



**Original Color**  
1D8276



**Protanomaly**  
567871



**Deuteranomaly**  
597779



**Tritanomaly**  
258082

# Monochromacy



**Original Color**  
1D8276



**Achromatopsia**  
626262



**Achromatomaly**  
496E69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D8276 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 #1D8276 looks like.

```
.text, #text, p{  
    color:#1D8276  
}
```

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 #1D8276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8276  
}
```

## Border

The CSS property to change the border of an element to Hex 1D8276 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  
#1D8276 }
```

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

```
.border{ border-color:#1D8276 }
```

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

Here you see how a box with a 4 pixel #1D8276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8276; -webkit-box-shadow:4px 4px  
4px 4px #1D8276; box-shadow:4px 4px 4px  
4px #1D8276 }
```

# Background

The CSS property to change the background color of an element to Hex 1D8276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8276 }
```

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

```
.background{ background-color:#1D8276 }
```

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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