

Converting Colors

Hex(1C8295)

Have a look what the booklet for
Hex(1C8295) contains.

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Color

Hex(1C8295)

Conversions

Conversions Part 1

Format	Color
Hex	1C8295
RGB	28, 130, 149
RGB Percent	11%, 51%, 58%
CMY	0.8902, 0.4902, 0.4157
CMYK	0.81, 0.13, 0.00, 0.42
HSL	189°, 68%, 35%
HSV	189°, 81%, 58%
XYZ	13.8863, 18.3821, 31.2500
YIQ	101.6680, -66.8910, -15.7150

Conversions

Conversions Part 2

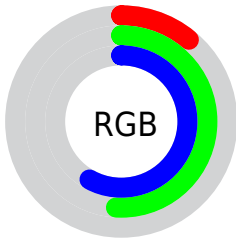
Format	Color
R_{YB}	28, 83, 149
Decimal	1868437
CIE _{Lab}	49.96, -20.95, -18.21
CIE _{LCh}	50, 27.758, 220.990
Yxy	18.3821, 0.2186, 0.2894
Android (android.graphics.Color)	4280058517 (0xFF1C8295)
YUV	101.6680, 23.3347, -64.6068
Hunter-Lab	42.8743, -17.2166, -13.2029

Details

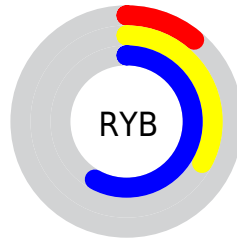
The Hex color **1C8295** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **952F1C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5FB7CB**, and **005062** is the 20% darker color. If you saturate the color by 10%, you get **0D8095**, and if you desaturate by 10%, it is **2B8495**.

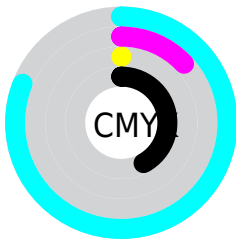
Distribution



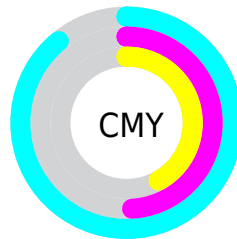
- Red (11%)
- Green (51%)
- Blue (58%)



- Red (11%)
- Yellow (33%)
- Blue (58%)



- Cyan (81%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)



- Cyan (89%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8295 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 1C8295 by changing the saturation by 10% instead.

1C8295

1C8295

FFFFFF

00697B

5FB7CB

005062

7CD3E7

00394A

99EFFF

002434

B6FFFF

00021F

D3FFFF

000002

F1FFFF

000000

1C8295

1C8295

0D8095

2B8495

007E95

3A8795

498995

588B95

678E95

759095

849295

939595

A29795

Harmonies

Analogous

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



28847F



1C8295



3C7DA3

Triad

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



1C8295



9B6787



7E7848

Complementary

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



1C8295



952F1C

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.



94704B



1C8295



A5656F

Square

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



1C8295



856E9B



A26959



647F52

Rectangle

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



1C8295



5779A6



A26959



867647

Sweetspot

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



1C8295



93BAC2



1C952E



455C61



E0E0E0



616161

Same Dimension

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



1C8295



06A4C2



1C4695



43494A



00748A



00090A

Inverse Universe

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



951C82



C206A4



956B1C



4A4349



8A0074



0A0009

Previews

White Background



This preview shows how the Hex color 1C8295 looks on a white background.

Color Contrast Check

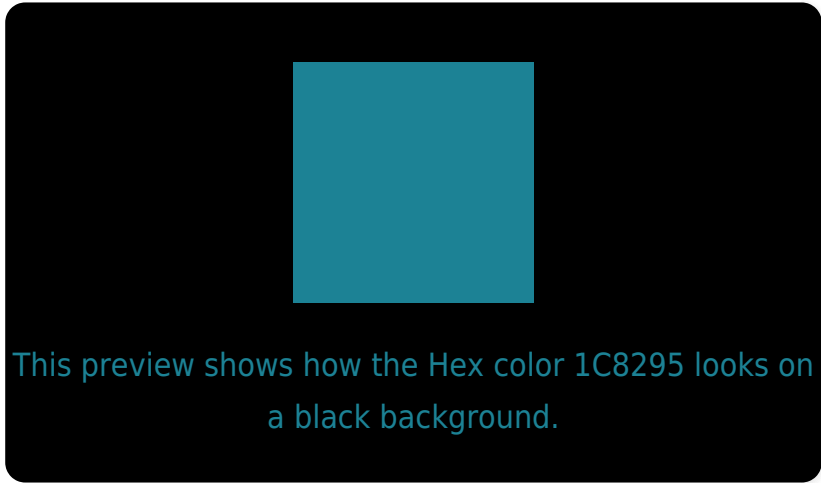
Large Text (above 18pt) WCAG AA ✓ Pass

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

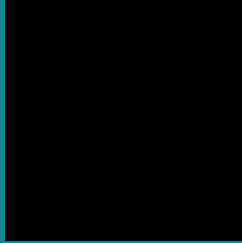
Any Text WCAG AA ✓ Pass

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 1C8295 Background



This preview shows how black text looks on a background with the Hex color 1C8295.



This preview shows how white text looks on a background with the Hex color 1C8295.

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
13838E

Trichromacy



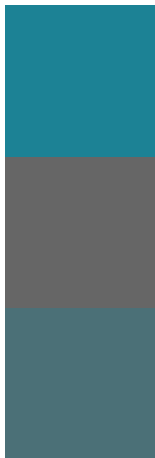
Original Color
1C8295

Protanomaly
527A8F

Deuteranomaly
517997

Tritanomaly
168391

Monochromacy



Original Color
1C8295

Achromatopsia
666666

Achromatomaly
4B7077

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8295 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 #1C8295 looks like.

```
.text, #text, p{  
    color:#1C8295  
}
```

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 #1C8295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8295
}
```

Border

The CSS property to change the border of an element to Hex 1C8295 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
#1C8295 }
```

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

```
.border{ border-color:#1C8295 }
```

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

Here you see how a box with a 4 pixel #1C8295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8295; -webkit-box-shadow:4px 4px  
4px 4px #1C8295; box-shadow:4px 4px 4px  
4px #1C8295 }
```

Background

The CSS property to change the background color of an element to Hex 1C8295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8295 }
```

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

```
.background{ background-color:#1C8295 }
```

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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