

Converting Colors

Hex(1E9DCA)

Have a look what the booklet for
Hex(1E9DCA) contains.

Hex(1E9DCA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E9DCA)

Conversions

Conversions Part 1

Format	Color
Hex	1E9DCA
RGB	30, 157, 202
RGB Percent	12%, 62%, 79%
CMY	0.8824, 0.3843, 0.2078
CMYK	0.85, 0.22, 0.00, 0.21
HSL	196°, 74%, 45%
HSV	196°, 85%, 79%
XYZ	23.2531, 28.6542, 60.1824
YIQ	124.1570, -90.1370, -12.9290

Conversions

Conversions Part 2

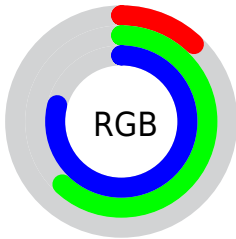
Format	Color
R_{YB}	30, 103, 202
Decimal	2006474
CIE _{Lab}	60.48, -16.92, -32.28
CIE _{LCh}	60, 36.445, 242.341
Yxy	28.6542, 0.2075, 0.2556
Android (android.graphics.Color)	4280196554 (0xFF1E9DCA)
YUV	124.1570, 38.3766, -82.5757
Hunter-Lab	53.5296, -16.1372, -29.1879

Details

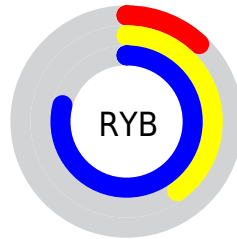
The Hex color **1E9DCA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CA4B1E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6BD4FF**, and **006A94** is the 20% darker color. If you saturate the color by 10%, you get **0A98CA**, and if you desaturate by 10%, it is **32A2CA**.

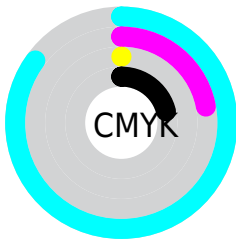
Distribution



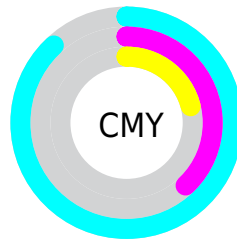
- Red (12%)
- Green (62%)
- Blue (79%)



- Red (12%)
- Yellow (40%)
- Blue (79%)



- Cyan (85%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (88%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E9DCA 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 1E9DCA by changing the saturation by 10% instead.

■ 1E9DCA

■ 1E9DCA

FFFFFF

■ 0083AE

■ 6BD4FF

■ 006A94

■ 8BF0FF

■ 00517A

■ A9FFFF

■ 003A61

■ C8FFFF

■ 002549

■ E6FFFF

■ 000732

■ 00021C

■ 000000

■ 1E9DCA

■ 1E9DCA

■ 0A98CA

■ 32A2CA

■ 0095CA

■ 46A8CA

■ 5BADCA

■ 6FB2CA

■ 83B7CA

■ 97BDCA

■ ABC2CA

■ C0C7CA

■ D4CDCA

Harmonies

Analogous

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



00A2B3



1E9DCA



6594D2

Triad

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



1E9DCA



CE7891



829A5A

Complementary

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



1E9DCA



CA4B1E

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.



A49151



1E9DCA



CE7C71

Square

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



1E9DCA



BC7DB0



BF855A



5BA073

Rectangle

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



1E9DCA



898DCD



BF855A



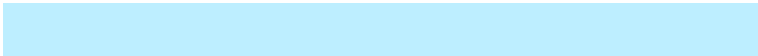
8E9755

Sweetspot

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



1E9DCA



BDEEFF



1ECA49



587580



000000



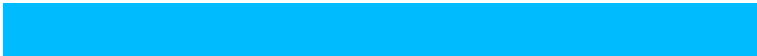
808080

Same Dimension

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



1E9DCA



00BCFF



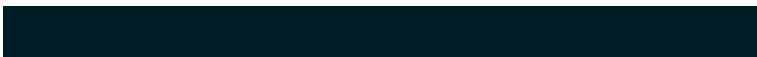
1E49CA



5C6366



007AA6



001C26

Inverse Universe

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



CA1E9D



FF00BC



CA9F1E



665C63



A6007A



26001C

Previews

White Background



This preview shows how the Hex color 1E9DCA looks on a white background.

Color Contrast Check

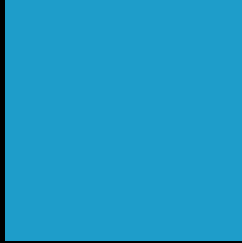
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 1E9DCA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

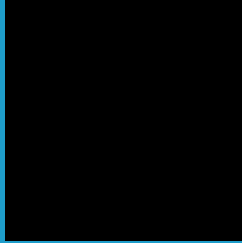
Any Text WCAG AA ✓ Pass

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 1E9DCA Background



This preview shows how black text looks on a background with the Hex color 1E9DCA.

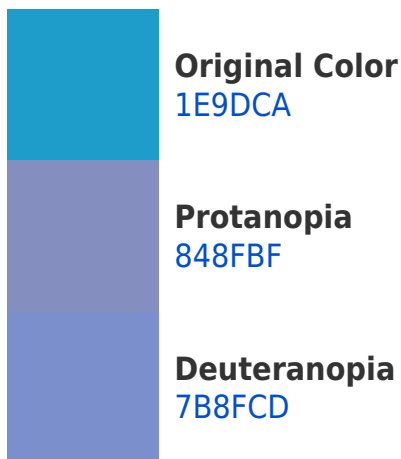


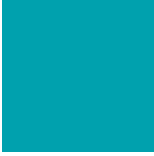
This preview shows how white text looks on a background with the Hex color 1E9DCA.

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](#).

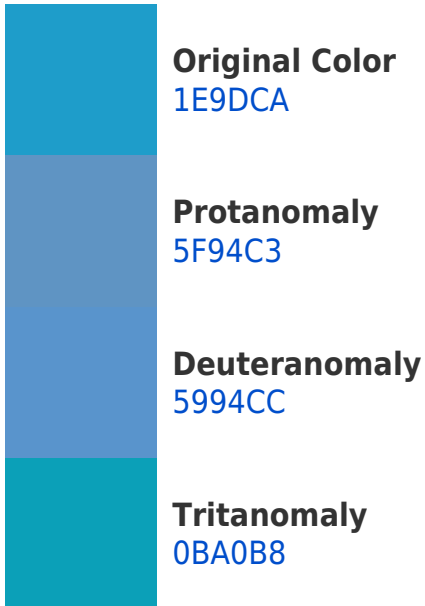
Dichromacy





Tritanopia
00A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E9DCA 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 #1E9DCA looks like.

```
.text, #text, p{  
    color:#1E9DCA  
}
```

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 #1E9DCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9DCA
}
```

Border

The CSS property to change the border of an element to Hex 1E9DCA 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
#1E9DCA }
```

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

```
.border{ border-color:#1E9DCA }
```

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

Here you see how a box with a 4 pixel #1E9DCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9DCA; -webkit-box-shadow:4px 4px  
4px 4px #1E9DCA; box-shadow:4px 4px 4px  
4px #1E9DCA }
```

Background

The CSS property to change the background color of an element to Hex 1E9DCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9DCA }
```

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

```
.background{ background-color:#1E9DCA }
```

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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