

Converting Colors

Hex(19D9E6)

Have a look what the booklet for
Hex(19D9E6) contains.

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Color

Hex(19D9E6)

Conversions

Conversions Part 1

Format	Color
Hex	19D9E6
RGB	25, 217, 230
RGB Percent	10%, 85%, 90%
CMY	0.9020, 0.1490, 0.0980
CMYK	0.89, 0.06, 0.00, 0.10
HSL	184°, 80%, 50%
HSV	184°, 89%, 90%
XYZ	39.4967, 55.5456, 83.5026
YIQ	161.0740, -118.6050, -36.6610

Conversions

Conversions Part 2

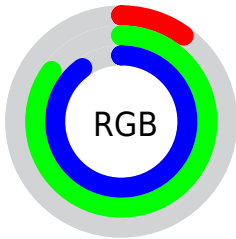
Format	Color
RYB	25, 124, 230
Decimal	1694182
CIELab	79.35, -37.89, -18.66
CIELCh	79, 42.241, 206.220
Yxy	55.5456, 0.2212, 0.3111
Android (android.graphics.Color)	4279884262 (0xFF19D9E6)
YUV	161.0740, 33.9805, -119.3369
Hunter-Lab	74.5289, -35.8292, -14.2586

Details

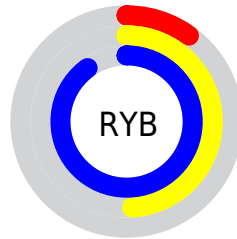
The Hex color **19D9E6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E62619**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **75FFFF**, and **00A1AF** is the 20% darker color. If you saturate the color by 10%, you get **02D8E6**, and if you desaturate by 10%, it is **30DAE6**.

Distribution



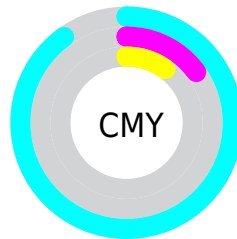
- Red (10%)
- Green (85%)
- Blue (90%)



- Red (10%)
- Yellow (49%)
- Blue (90%)



- Cyan (89%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19D9E6 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 19D9E6 by changing the saturation by 10% instead.

 19D9E6

 19D9E6

FFFFFF

 00BDCA

 75FFFF

 00A1AF

 96FFFF

 008794

 B7FFFF

 006D7A

 D7FFFF


 005461

 F6FFFF

 003C49

 002733

 00021E

 000001

 19D9E6

 19D9E6

 02D8E6

 30DAE6

 00D7E6

 47DCE6

 5EDDE6

 75DFE6

 8CE0E6

 A3E2E6

 BAE3E6

 D1E5E6

 E8E6E6

Harmonies

Analogous

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



57D9BE



19D9E6



39D4FF

Triad

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



19D9E6



F2AEF1



E3C176

Complementary

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



19D9E6



E62619

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.



FFB384



19D9E6



FFA6CB

Square

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



19D9E6



C2BCFF



FFA8A4



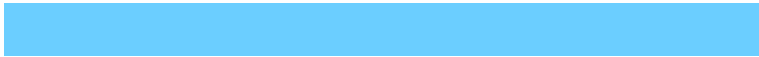
BBCD7D

Rectangle

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



19D9E6



6BCEFF



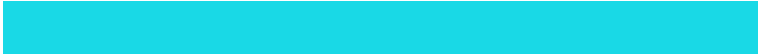
FFA8A4



EEBC78

Sweetspot

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



19D9E6



BAFBFF



19E623



577D80



000000



808080

Same Dimension

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



19D9E6



00EFFF



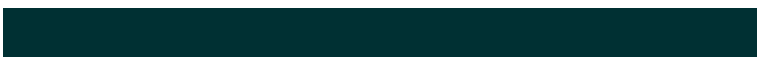
1975E6



677273



00A7B3



003033

Inverse Universe

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



E619D9



FF00EF



E68A19



736772



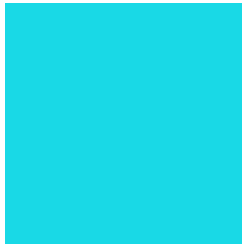
B300A7



330030

Previews

White Background



This preview shows how the Hex color 19D9E6 looks on a white background.

Color Contrast Check

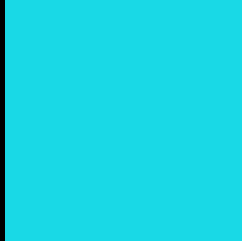
Large Text (above 18pt) WCAG AA × Fail

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 19D9E6 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 ✓ Pass

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

Hex 19D9E6 Background



This preview shows how black text looks on a background with the Hex color 19D9E6.

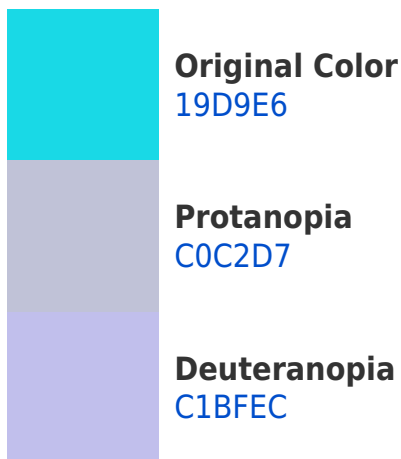


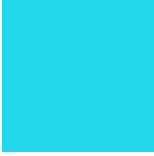
This preview shows how white text looks on a background with the Hex color 19D9E6.

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
20D8EA

Trichromacy



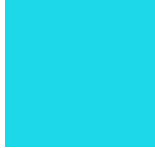
Original Color
19D9E6



Protanomaly
83CADC



Deuteranomaly
84C8EA



Tritanomaly
1DD8E9

Monochromacy



Original Color
19D9E6



Achromatopsia
A1A1A1



Achromatomaly
70B5BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 19D9E6 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 #19D9E6 looks like.

```
.text, #text, p{  
    color:#19D9E6  
}
```

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 #19D9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19D9E6
}
```

Border

The CSS property to change the border of an element to Hex 19D9E6 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
#19D9E6 }
```

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

```
.border{ border-color:#19D9E6 }
```

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

Here you see how a box with a 4 pixel #19D9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19D9E6; -webkit-box-shadow:4px 4px  
4px 4px #19D9E6; box-shadow:4px 4px 4px  
4px #19D9E6 }
```

Background

The CSS property to change the background color of an element to Hex 19D9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19D9E6 }
```

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

```
.background{ background-color:#19D9E6 }
```

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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