

Converting Colors

Hex(26CED9)

Have a look what the booklet for
Hex(26CED9) contains.

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Color

Hex(26CED9)

Conversions

Conversions Part 1

Format	Color
Hex	26CED9
RGB	38, 206, 217
RGB Percent	15%, 81%, 85%
CMY	0.8510, 0.1922, 0.1490
CMYK	0.82, 0.05, 0.00, 0.15
HSL	184°, 70%, 50%
HSV	184°, 82%, 85%
XYZ	35.3950, 49.5644, 73.3470
YIQ	157.0220, -103.6590, -32.1950

Conversions

Conversions Part 2

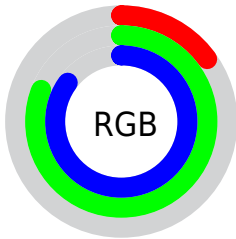
Format	Color
RYB	38, 125, 217
Decimal	2543321
CIELab	75.80, -35.97, -17.04
CIELCh	76, 39.803, 205.355
Yxy	49.5644, 0.2236, 0.3131
Android (android.graphics.Color)	4280733401 (0xFF26CED9)
YUV	157.0220, 29.5692, -104.3823
Hunter-Lab	70.4020, -33.4616, -12.4888

Details

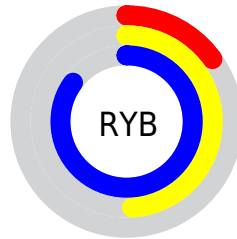
The Hex color **26CED9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D93126**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **76FFFF**, and **0097A2** is the 20% darker color. If you saturate the color by 10%, you get **10CDD9**, and if you desaturate by 10%, it is **3CCFD9**.

Distribution



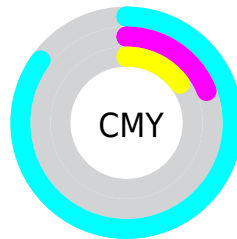
- Red (15%)
- Green (81%)
- Blue (85%)



- Red (15%)
- Yellow (49%)
- Blue (85%)



- Cyan (82%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26CED9 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 26CED9 by changing the saturation by 10% instead.

 26CED9

 26CED9

FFFFFF

 00B2BD

 76FFFF

 0097A2

 97FFFF

 007D88

 B6FFFF

 00636F


 D5FFFF

 004B56

 F5FFFF

 00333F

 001E29

 000115

 000000

 26CED9

 26CED9

 10CDD9

 3CCFD9

 00CCD9

 51D1D9

 67D2D9

 7DD3D9

 93D5D9

 A8D6D9

 BED7D9

 D4D9D9

 E9DAD9

Harmonies

Analogous

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



58CEB4



26CED9



3CC9F6

Triad

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



26CED9



E4A6E5



D8B771

Complementary

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



26CED9



D93126

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.



F4AA80



26CED9



FD9FC2

Square

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



26CED9



B7B3FD



FFA09D



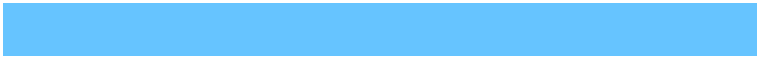
B3C277

Rectangle

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



26CED9



66C4FF



FFA09D



E3B274

Sweetspot

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



26CED9



BFFBFF



26D92F



597D80



000000



808080

Same Dimension

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



26CED9



03EFFF



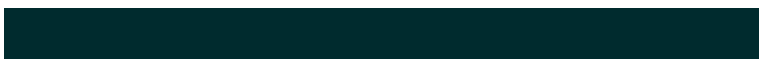
2677D9



636D6E



00A3AD



002B2E

Inverse Universe

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



D926CE



FF03EF



D98826



6E636D



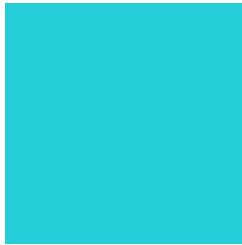
AD00A3



2E002B

Previews

White Background



This preview shows how the Hex color 26CED9 looks on a white background.

Color Contrast Check

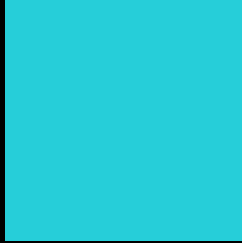
Large Text (above 18pt) WCAG AA × Fail

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 26CED9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

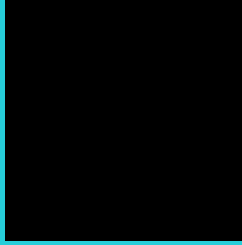
Any Text WCAG AA ✓ Pass

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 26CED9 Background



This preview shows how black text looks on a background with the Hex color 26CED9.



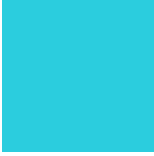
This preview shows how white text looks on a background with the Hex color 26CED9.

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
2BCDDE

Trichromacy



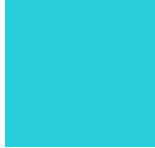
Original Color
26CED9



Protanomaly
82C0D0



Deuteranomaly
84BEDD



Tritanomaly
29CDDC

Monochromacy



Original Color
26CED9



Achromatopsia
9D9D9D



Achromatomaly
72AFB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 26CED9 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 #26CED9 looks like.

```
.text, #text, p{  
    color:#26CED9  
}
```

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 #26CED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26CED9
}
```

Border

The CSS property to change the border of an element to Hex 26CED9 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
#26CED9 }
```

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

```
.border{ border-color:#26CED9 }
```

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

Here you see how a box with a 4 pixel #26CED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26CED9; -webkit-box-shadow:4px 4px  
4px 4px #26CED9; box-shadow:4px 4px 4px  
4px #26CED9 }
```

Background

The CSS property to change the background color of an element to Hex 26CED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26CED9 }
```

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

```
.background{ background-color:#26CED9 }
```

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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