

Converting Colors

Hex(26C4A6)

Have a look what the booklet for
Hex(26C4A6) contains.

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Color

Hex(26C4A6)

Conversions

Conversions Part 1

Format	Color
Hex	26C4A6
RGB	38, 196, 166
RGB Percent	15%, 77%, 65%
CMY	0.8510, 0.2314, 0.3490
CMYK	0.81, 0.00, 0.15, 0.23
HSL	169°, 68%, 46%
HSV	169°, 81%, 77%
XYZ	27.4222, 42.6451, 42.8624
YIQ	145.3380, -84.5380, -42.8260

Conversions

Conversions Part 2

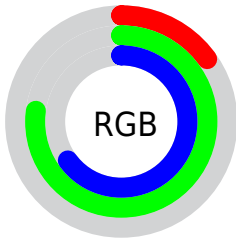
Format	Color
RYB	38, 125, 196
Decimal	2540710
CIELab	71.31, -45.96, 3.96
CIELCh	71, 46.133, 175.073
Yxy	42.6451, 0.2428, 0.3776
Android (android.graphics.Color)	4280730790 (0xFF26C4A6)
YUV	145.3380, 10.1864, -94.1354
Hunter-Lab	65.3032, -39.3247, 6.7967

Details

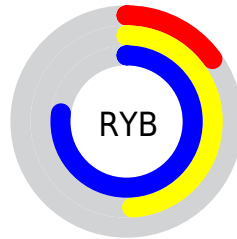
The Hex color **26C4A6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C42644**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70FDDD**, and **008D72** is the 20% darker color. If you saturate the color by 10%, you get **12C4A2**, and if you desaturate by 10%, it is **3AC4AA**.

Distribution



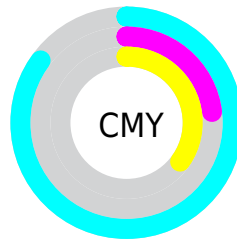
- Red (15%)
- Green (77%)
- Blue (65%)



- Red (15%)
- Yellow (49%)
- Blue (77%)



- Cyan (81%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)



- Cyan (85%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26C4A6 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 26C4A6 by changing the saturation by 10% instead.

 26C4A6

 26C4A6

FFFFFF

 00A88C

 70FDDD

 008D72

 8FFFFA

 00735A

 ADFFFF

 005942

 CCFFFF

 00412C

 EAFFFF

 002B18

 000900

 000000

 26C4A6

 26C4A6

 12C4A2

 3AC4AA

 00C49F

 4DC4AD

 61C4B1

 74C4B5

 88C4B9

 9CC4BC

 AFC4C0

 C3C4C4

 D6C4C7

Harmonies

Analogous

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



73C07D



26C4A6



00C4D1

Triad

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



26C4A6



A8A6FB



EE9B6B

Complementary

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



26C4A6



C42644

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.



FE8F8D



26C4A6



DC97DF

Square

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



26C4A6



5AB5FF



F98DB7



CFAA59

Rectangle

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



26C4A6



00C1E9



F98DB7



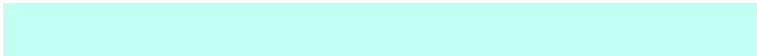
F69675

Sweetspot

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



26C4A6



C2FFF3



46C426



5B8078



000000



808080

Same Dimension

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



26C4A6



08FFD0



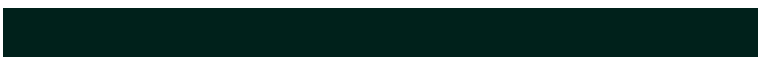
2695C4



57615F



00A182



00211B

Inverse Universe

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



C42644



FF0837



C45526



615759



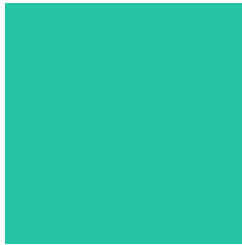
A1001F



210006

Previews

White Background



This preview shows how the Hex color 26C4A6 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 26C4A6 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

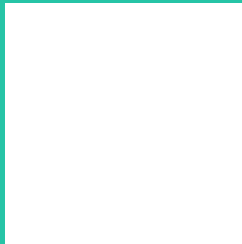
Any Text WCAG AAA ✓ Pass

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

Hex 26C4A6 Background



This preview shows how black text looks on a background with the Hex color 26C4A6.



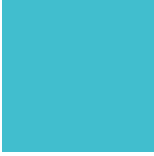
This preview shows how white text looks on a background with the Hex color 26C4A6.

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





Trichromacy



Original Color
26C4A6



Protanomaly
81B59E



Deuteranomaly
87B2AA



Tritanomaly
37C0BF

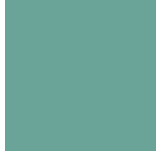
Monochromacy



Original Color
26C4A6



Achromatopsia
919191



Achromatomaly
6AA499

CSS Examples

Text

The CSS property to change the color of the text to Hex 26C4A6 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 #26C4A6 looks like.

```
.text, #text, p{  
    color:#26C4A6  
}
```

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 #26C4A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26C4A6
}
```

Border

The CSS property to change the border of an element to Hex 26C4A6 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
#26C4A6 }
```

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

```
.border{ border-color:#26C4A6 }
```

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

Here you see how a box with a 4 pixel #26C4A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26C4A6; -webkit-box-shadow:4px 4px  
4px 4px #26C4A6; box-shadow:4px 4px 4px  
4px #26C4A6 }
```

Background

The CSS property to change the background color of an element to Hex 26C4A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26C4A6 }
```

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

```
.background{ background-color:#26C4A6 }
```

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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