

Converting Colors

Hex(26A6CA)

Have a look what the booklet for
Hex(26A6CA) contains.

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Color

Hex(26A6CA)

Conversions

Conversions Part 1

Format	Color
Hex	26A6CA
RGB	38, 166, 202
RGB Percent	15%, 65%, 79%
CMY	0.8510, 0.3490, 0.2078
CMYK	0.81, 0.18, 0.00, 0.21
HSL	193°, 68%, 47%
HSV	193°, 81%, 79%
XYZ	25.0962, 31.9488, 60.7211
YIQ	131.8320, -87.8440, -15.9400

Conversions

Conversions Part 2

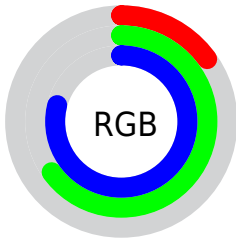
Format	Color
R _Y B	38, 110, 202
Decimal	2533066
CIE Lab	63.30, -21.04, -27.90
CIE LCh	63, 34.944, 232.973
Yxy	31.9488, 0.2131, 0.2713
Android (android.graphics.Color)	4280723146 (0xFF26A6CA)
YUV	131.8320, 34.5928, -82.2907
Hunter-Lab	56.5232, -19.6620, -24.1271




Details

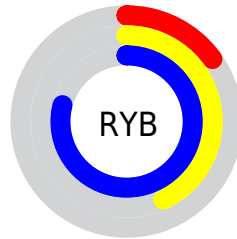
The Hex color **26A6CA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CA4A26**, and the grayscale version is **848484**.




A 20% lighter version of the original color is **70DDFF**, and **007294** is the 20% darker color. If you saturate the color by 10%, you get **12A2CA**, and if you desaturate by 10%, it is **3AAACA**.

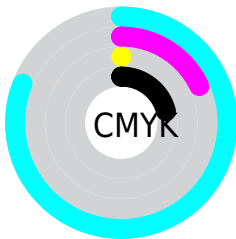
Distribution







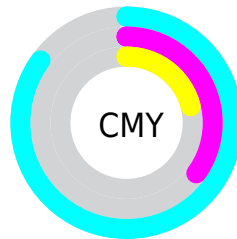
-  Red (15%)
-  Green (65%)
-  Blue (79%)






-  Red (15%)
-  Yellow (43%)
-  Blue (79%)



-  Cyan (81%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (21%)



-  Cyan (85%)
-  Magenta (35%)
-  Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26A6CA 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 26A6CA by changing the saturation by 10% instead.

 26A6CA

 26A6CA

FFFFFF

 008CAF

 70DDFF

 007294

 8FFAFF

 00597A

 ADFFFF

 004261

 CCFFFF

 002B49

 EAFFFF

 001632

 00021D

 000000

 26A6CA

 26A6CA

■ 12A2CA

■ 3AAACA

■ 009ECA

■ 4EAFCA

■ 63B3CA

■ 77B8CA

■ 8BBCCA

■ 9FC1CA

■ B3C5CA

■ C8C9CA

■ DCCECA

Harmonies

Analogous

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



19AAB0



26A6CA



5F9FD6

Triad

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



26A6CA



D082A2



959F5F

Complementary

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



26A6CA



CA4A26

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.



B4955B



26A6CA



D68283

Square

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



26A6CA



B989BF



CB8A69



71A673

Rectangle

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



26A6CA



8298D6



CB8A69



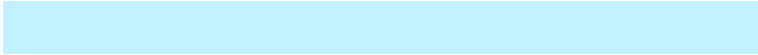
A09C5C

Sweetspot

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



26A6CA



C2F2FF



26CA4A



5B7780



000000



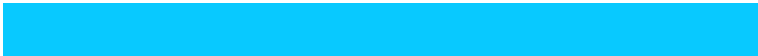
808080

Same Dimension

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



26A6CA



08C9FF



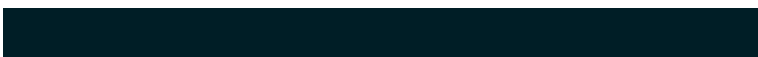
2654CA



5C6466



0081A6



001E26

Inverse Universe

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



CA26A6



FF08C9



CA9C26



665C64



A60081



26001E

Previews

White Background



This preview shows how the Hex color 26A6CA 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 26A6CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

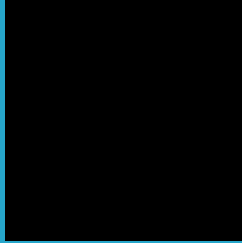
Any Text WCAG AA ✓ Pass

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 26A6CA Background



This preview shows how black text looks on a background with the Hex color 26A6CA.



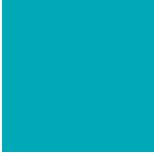
This preview shows how white text looks on a background with the Hex color 26A6CA.

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](#).

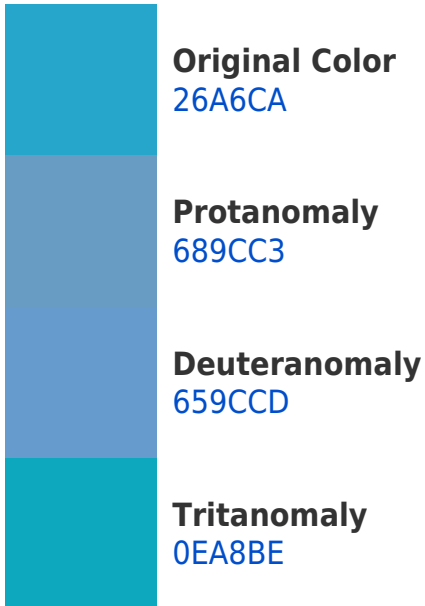
Dichromacy



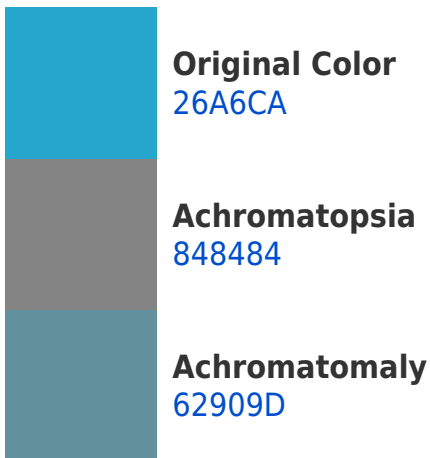


Tritanopia
00A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 26A6CA 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 #26A6CA looks like.

```
.text, #text, p{  
    color:#26A6CA  
}
```

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 #26A6CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26A6CA
}
```

Border

The CSS property to change the border of an element to Hex 26A6CA 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
#26A6CA }
```

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

```
.border{ border-color:#26A6CA }
```

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

Here you see how a box with a 4 pixel #26A6CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26A6CA; -webkit-box-shadow:4px 4px  
4px 4px #26A6CA; box-shadow:4px 4px 4px  
4px #26A6CA }
```

Background

The CSS property to change the background color of an element to Hex 26A6CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26A6CA }
```

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

```
.background{ background-color:#26A6CA }
```

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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