

Converting Colors

Hex(02B2A6)

Have a look what the booklet for
Hex(02B2A6) contains.

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Color

Hex(02B2A6)

Conversions

Conversions Part 1

Format	Color
Hex	02B2A6
RGB	2, 178, 166
RGB Percent	1%, 70%, 65%
CMY	0.9922, 0.3020, 0.3490
CMYK	0.99, 0.00, 0.07, 0.30
HSL	176°, 98%, 35%
HSV	176°, 99%, 70%
XYZ	22.8284, 34.6069, 41.5530
YIQ	124.0080, -101.0440, -41.0440

Conversions

Conversions Part 2

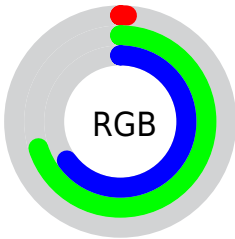
Format	Color
RYB	2, 93, 178
Decimal	176806
CIELab	65.44, -40.24, -4.65
CIELCh	65, 40.508, 186.597
Yxy	34.6069, 0.2306, 0.3496
Android (android.graphics.Color)	4278366886 (0xFF02B2A6)
YUV	124.0080, 20.7021, -107.0010
Hunter-Lab	58.8276, -33.6804, -0.7003

Details

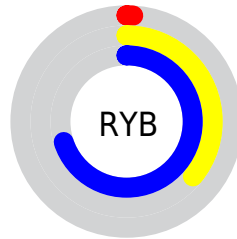
The Hex color **02B2A6** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B2020E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **62EADD**, and **007C72** is the 20% darker color. If you saturate the color by 10%, you get **00B2A6**, and if you desaturate by 10%, it is **14B2A7**.

Distribution



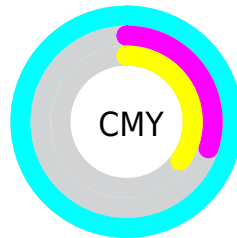
- Red (1%)
- Green (70%)
- Blue (65%)



- Red (1%)
- Yellow (36%)
- Blue (70%)



- Cyan (99%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)



- Cyan (99%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02B2A6 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 02B2A6 by changing the saturation by 10% instead.

 02B2A6

 02B2A6

FFFFFF

 00978C

 62EADD

 007C72

 81FFFA

 00635A

 A0FFFF

 004A42

 BEFFFF

 00322C

 DDFFFF

 001C18

 FBFFFF

 000000

 02B2A6

 02B2A6

 00B2A6

 14B2A7

 26B2A8

 37B2AA

 49B2AB

 5BB2AC

 6DB2AD

 7FB2AE

 90B2B0

 A2B2B1

Harmonies

Analogous

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



59B081



02B2A6



00B0C9

Triad

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



02B2A6



AD92D9



CD935D

Complementary

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



02B2A6



B2020E

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.



E18775



02B2A6



D386BC

Square

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



02B2A6



75A0E7



E48298



AE9F55

Rectangle

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



02B2A6



00ADDB



E48298



D58F63

Sweetspot

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



02B2A6



A2E8E3



11B202



4B7572



F5F5F5



757575

Same Dimension

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



02B2A6



00E8D8



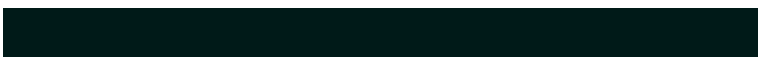
0269B2



505959



00998F



001A18

Inverse Universe

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



B2020E



E80010



B24B02



595051



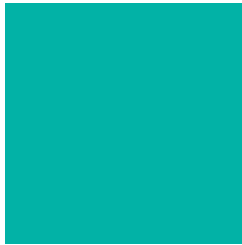
99000A



1A0002

Previews

White Background



This preview shows how the Hex color 02B2A6 looks on a white background.

Color Contrast Check

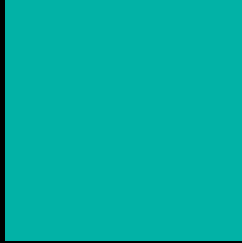
Large Text (above 18pt) WCAG AA × Fail

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 02B2A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

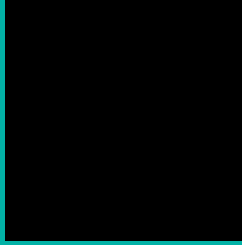
Any Text WCAG AA ✓ Pass

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 02B2A6 Background



This preview shows how black text looks on a background with the Hex color 02B2A6.

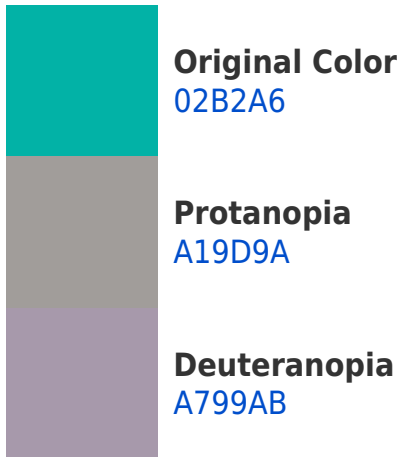


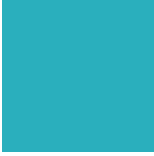
This preview shows how white text looks on a background with the Hex color 02B2A6.

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
02B2A6



Protanomaly
67A59E



Deuteranomaly
6BA2A9



Tritanomaly
1BB0B5

Monochromacy



Original Color
02B2A6



Achromatopsia
7C7C7C



Achromatomaly
50908B

CSS Examples

Text

The CSS property to change the color of the text to Hex 02B2A6 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 #02B2A6 looks like.

```
.text, #text, p{  
    color:#02B2A6  
}
```

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 #02B2A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02B2A6
}
```

Border

The CSS property to change the border of an element to Hex 02B2A6 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
#02B2A6 }
```

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

```
.border{ border-color:#02B2A6 }
```

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

Here you see how a box with a 4 pixel #02B2A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02B2A6; -webkit-box-shadow:4px 4px  
4px 4px #02B2A6; box-shadow:4px 4px 4px  
4px #02B2A6 }
```

Background

The CSS property to change the background color of an element to Hex 02B2A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02B2A6 }
```

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

```
.background{ background-color:#02B2A6 }
```

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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