

Converting Colors

Hex(009286)

Have a look what the booklet for
Hex(009286) contains.

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Color

Hex(009286)

Conversions

Conversions Part 1

Format	Color
Hex	009286
RGB	0, 146, 134
RGB Percent	0%, 57%, 53%
CMY	1.0000, 0.4275, 0.4745
CMYK	1.00, 0.00, 0.08, 0.43
HSL	175°, 100%, 29%
HSV	175°, 100%, 57%
XYZ	14.5820, 22.2790, 26.0860
YIQ	100.9780, -83.1640, -34.6840

Conversions

Conversions Part 2

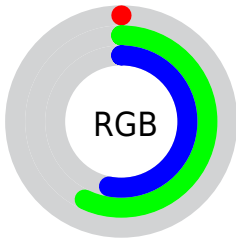
Format	Color
RYB	0, 76, 146
Decimal	37510
CIELab	54.32, -35.44, -2.97
CIELCh	54, 35.568, 184.793
Yxy	22.2790, 0.2317, 0.3539
Android (android.graphics.Color)	4278227590 (0xFF009286)
YUV	100.9780, 16.2798, -88.5577
Hunter-Lab	47.2006, -27.4561, 0.2731

Details

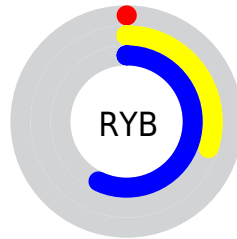
The Hex color **009286** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **92000C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **57C9BB**, and **005F55** is the 20% darker color. If you saturate the color by 10%, you get **009286**, and if you desaturate by 10%, it is **0F9287**.

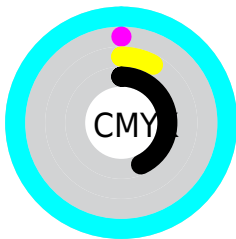
Distribution



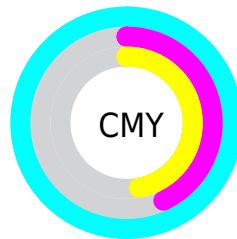
- Red (0%)
- Green (57%)
- Blue (53%)



- Red (0%)
- Yellow (30%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)




- Cyan (100%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009286 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 009286 by changing the saturation by 10% instead.


 009286

 009286

FFFFFF

 00786D

 57C9BB

 005F55

 75E5D7

 00463D

 92FFF3

 002F28

 B0FFF3

 001813

 CDFFF3

 000000

 EBFFF3

 009286

 0F9287

 1D9288

 2C928A

 3A928B

 49928C

 58928D

 66928E

 759290

 839291

Harmonies

Analogous

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



499067



009286



0091A4

Triad

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



009286



8B78B4



AA774B

Complementary

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



009286



92000C

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.



BA6D60



009286



AC6E9D

Square

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



009286



5A83BF



BC697E



908243

Rectangle

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



009286



008EB3



BC697E



B17351

Sweetspot

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



009286



84BDB8



0C9200



3C5E5C



DEDEDE



5E5E5E

Same Dimension

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



009286



00BDAD



005592



434A49



008A7E



000A09

Inverse Universe

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



92000C



BD0010



923D00



4A4343



8A000B



0A0001

Previews

White Background



This preview shows how the Hex color 009286 looks on a white background.

Color Contrast Check

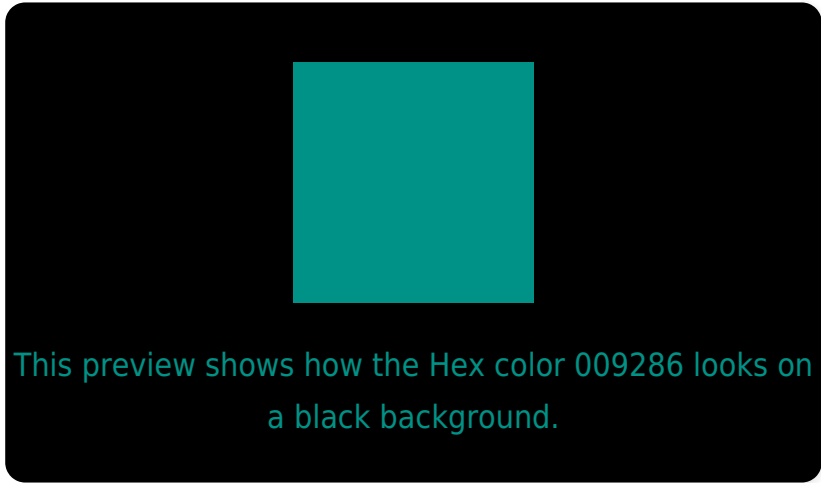
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

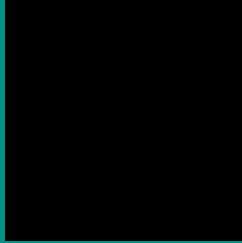
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 009286 Background



This preview shows how black text looks on a background with the Hex color 009286.

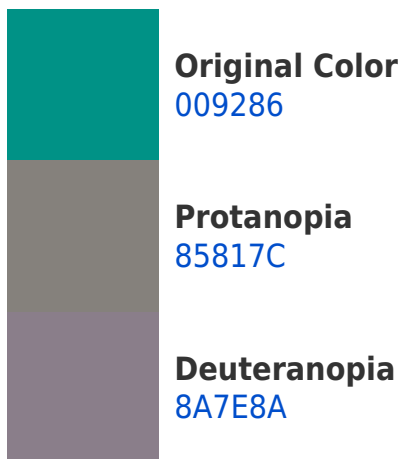


This preview shows how white text looks on a background with the Hex color 009286.

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
248F9B

Trichromacy



Original Color
009286

Protanomaly
558780

Deuteranomaly
588589

Tritanomaly
179093

Monochromacy



Original Color
009286

Achromatopsia
656565

Achromatomaly
407571

CSS Examples

Text

The CSS property to change the color of the text to Hex 009286 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 #009286 looks like.

```
.text, #text, p{  
    color:#009286  
}
```

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 #009286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009286
}
```

Border

The CSS property to change the border of an element to Hex 009286 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
#009286 }
```

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

```
.border{ border-color:#009286 }
```

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

Here you see how a box with a 4 pixel #009286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009286; -webkit-box-shadow:4px 4px  
4px 4px #009286; box-shadow:4px 4px 4px  
4px #009286 }
```

Background

The CSS property to change the background color of an element to Hex 009286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009286 }
```

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

```
.background{ background-color:#009286 }
```

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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