

Converting Colors

Hex(009280)

Have a look what the booklet for
Hex(009280) contains.

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Color

Hex(009280)

Conversions

Conversions Part 1

Format	Color
Hex	009280
RGB	0, 146, 128
RGB Percent	0%, 57%, 50%
CMY	1.0000, 0.4275, 0.4980
CMYK	1.00, 0.00, 0.12, 0.43
HSL	173°, 100%, 29%
HSV	173°, 100%, 57%
XYZ	14.1752, 22.1163, 23.9438
YIQ	100.2940, -81.2380, -36.5500

Conversions

Conversions Part 2

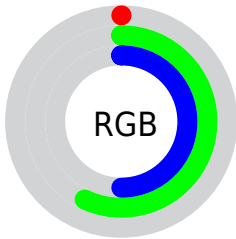
Format	Color
RYB	0, 78, 146
Decimal	37504
CIELab	54.15, -37.22, 0.23
CIELCh	54, 37.217, 179.646
Yxy	22.1163, 0.2353, 0.3672
Android (android.graphics.Color)	4278227584 (0xFF009280)
YUV	100.2940, 13.6591, -87.9578
Hunter-Lab	47.0280, -28.4954, 2.7326

Details

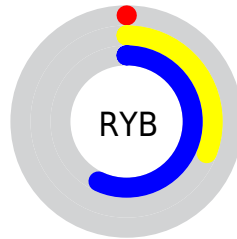
The Hex color **009280** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **920012**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56C9B5**, and **005E4F** is the 20% darker color. If you saturate the color by 10%, you get **009280**, and if you desaturate by 10%, it is **0F9282**.

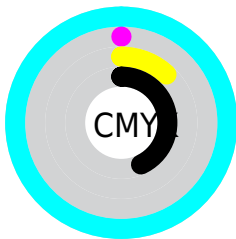
Distribution



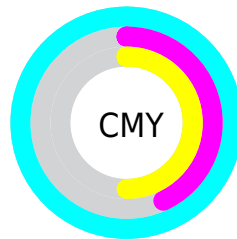
- Red (0%)
- Green (57%)
- Blue (50%)



- Red (0%)
- Yellow (31%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)




- Cyan (100%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009280 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 009280 by changing the saturation by 10% instead.


 009280

 009280

FFFFFF

 007867


 56C9B5

 005E4F

 74E5D0

 004638

 91FFEC

 002F23

 AFFFFFF

 00170D

 CCFFFF

 000000

 EAFFFF

 009280

 0F9282

 1D9284

 2C9285

 3A9287

 499289

 58928B

 66928D

 75928E

 839290

Harmonies

Analogous

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



4D8F60



009280



0091A0

Triad

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



009280



8479B9



AF744B

Complementary

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



009280



920012

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.



BD6A63



009280



A96EA2

Square

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



009280



4B85C1



BC6783



967F40

Rectangle

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



009280



008FB2



BC6783



B57052

Sweetspot

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



009280



84BDB6



139200



3C5E5A



DEDEDE



5E5E5E

Same Dimension

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



009280



00BDA5



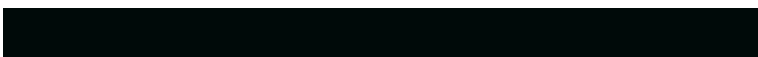
005C92



434A49



008A79



000A09

Inverse Universe

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



920012



BD0017



923600



4A4343



8A0011



0A0001

Previews

White Background



This preview shows how the Hex color 009280 looks on a white background.

Color Contrast Check

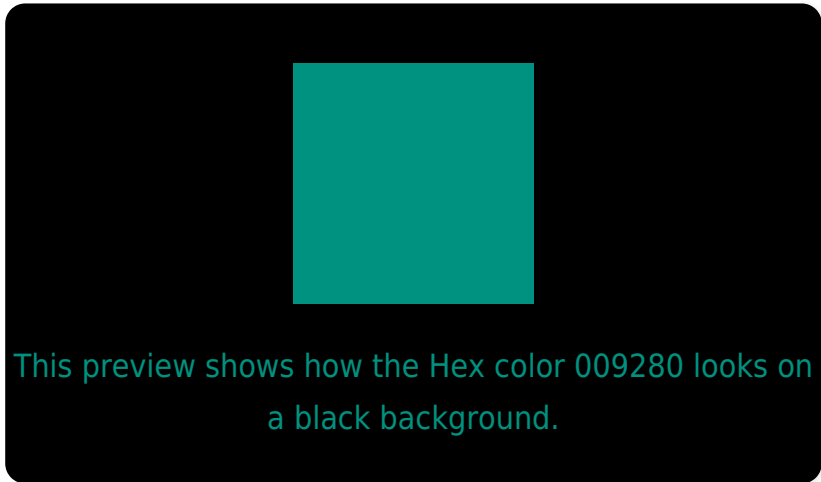
Large Text (above 18pt) WCAG AA ✓ Pass

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

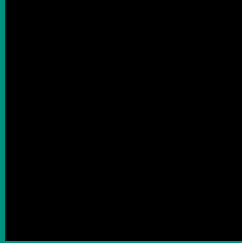
Any Text WCAG AA ✓ Pass

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 009280 Background



This preview shows how black text looks on a background with the Hex color 009280.

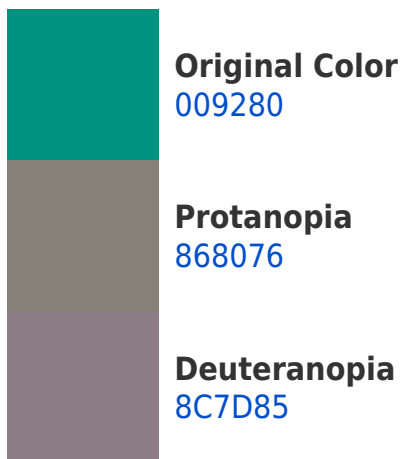


This preview shows how white text looks on a background with the Hex color 009280.

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
278E9A

Trichromacy



Original Color
009280



Protanomaly
55877A



Deuteranomaly
598583



Tritanomaly
198F91

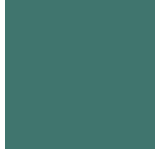
Monochromacy



Original Color
009280



Achromatopsia
646464



Achromatomaly
40756E

CSS Examples

Text

The CSS property to change the color of the text to Hex 009280 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 #009280 looks like.

```
.text, #text, p{  
    color:#009280  
}
```

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 #009280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009280
}
```

Border

The CSS property to change the border of an element to Hex 009280 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
#009280 }
```

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

```
.border{ border-color:#009280 }
```

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

Here you see how a box with a 4 pixel #009280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009280; -webkit-box-shadow:4px 4px  
4px 4px #009280; box-shadow:4px 4px 4px  
4px #009280 }
```

Background

The CSS property to change the background color of an element to Hex 009280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009280 }
```

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

```
.background{ background-color:#009280 }
```

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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