

Converting Colors

Hex(028097)

Have a look what the booklet for
Hex(028097) contains.

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Color

Hex(028097)

Conversions

Conversions Part 1

Format	Color
Hex	028097
RGB	2, 128, 151
RGB Percent	1%, 50%, 59%
CMY	0.9922, 0.4980, 0.4078
CMYK	0.99, 0.15, 0.00, 0.41
HSL	189°, 97%, 30%
HSV	189°, 99%, 59%
XYZ	13.3301, 17.6856, 31.9892
YIQ	92.9480, -82.4790, -19.5590

Conversions

Conversions Part 2

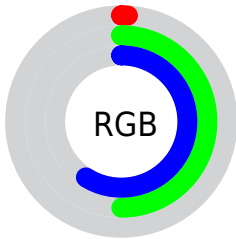
Format	Color
RYB	2, 70, 151
Decimal	163991
CIELab	49.11, -20.88, -20.69
CIELCh	49, 29.397, 224.744
Yxy	17.6856, 0.2116, 0.2807
Android (android.graphics.Color)	4278354071 (0xFF028097)
YUV	92.9480, 28.6196, -79.7614
Hunter-Lab	42.0543, -17.0151, -15.6619

Details

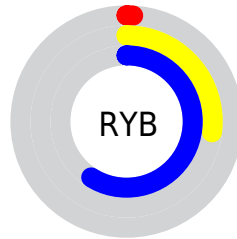
The Hex color **028097** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **971902**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **57B5CD**, and **004F64** is the 20% darker color. If you saturate the color by 10%, you get **008097**, and if you desaturate by 10%, it is **118297**.

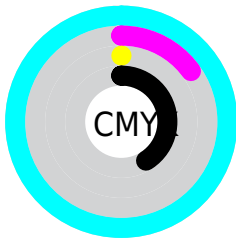
Distribution



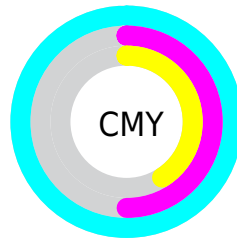
- Red (1%)
- Green (50%)
- Blue (59%)



- Red (1%)
- Yellow (27%)
- Blue (59%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (99%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 028097 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 028097 by changing the saturation by 10% instead.

 028097

 028097

FFFFFF

 00677D

 57B5CD

 004F64

 75D1E9

 00374C

 92EDFF

 002235

 AFFFFFF

 000220

 CDFFFF

 000005

 EAFFFF

 000000

 028097

 028097

 008097

 118297

■ 208597

■ 2F8797

■ 3E8997

■ 4D8C97

■ 5D8E97

■ 6C9097

■ 7B9397

■ 8A9597

Harmonies

Analogous

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



148281



028097



397BA4

Triad

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



028097



9D6382



797744

Complementary

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



028097



971902

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.



906F45



028097



A56169

Square

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



028097



876A98



A06653



5D7D50

Rectangle

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



028097



5776A6



A06653



817542

Sweetspot

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



028097



89BBC4



029718



405E63



E3E3E3



636363

Same Dimension

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



028097



00A6C4



023697



454B4D



00778C



000B0D

Inverse Universe

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



970280



C400A6



976302



4D454B



8C0077



0D000B

Previews

White Background



This preview shows how the Hex color 028097 looks on a white background.

Color Contrast Check

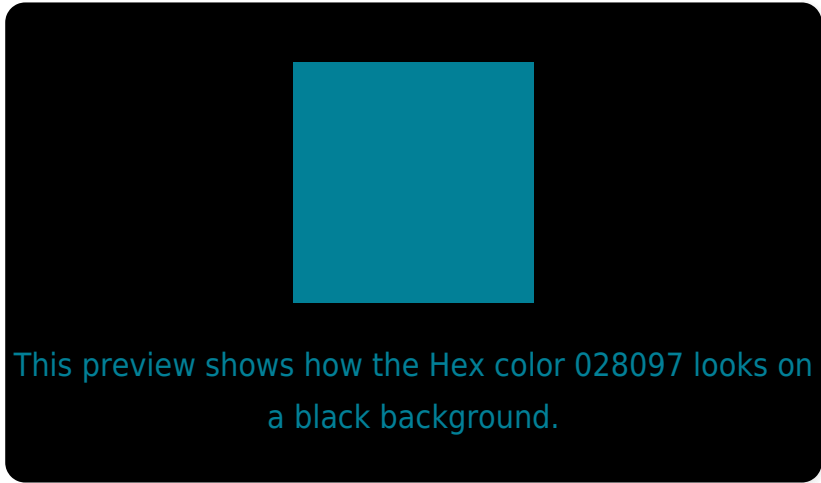
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

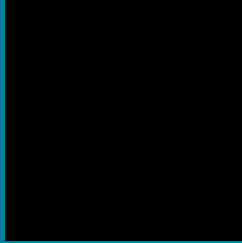
Any Text WCAG AA ✓ Pass

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 028097 Background



This preview shows how black text looks on a background with the Hex color 028097.

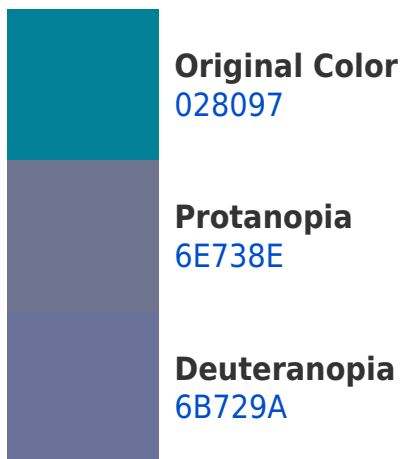


This preview shows how white text looks on a background with the Hex color 028097.

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](#).

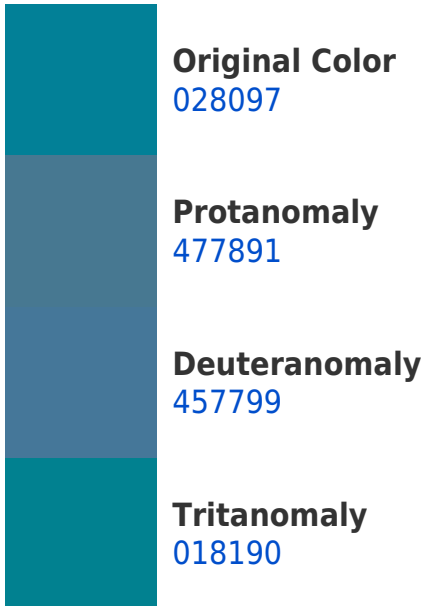
Dichromacy



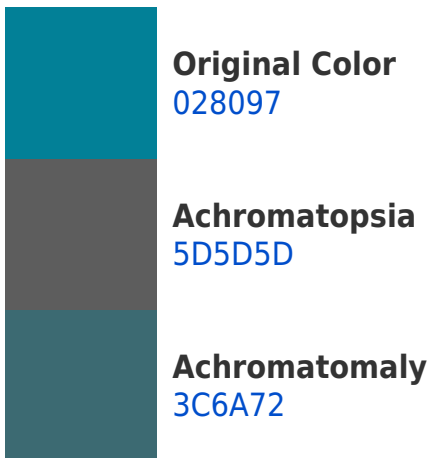


Tritanopia
00818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 028097 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 #028097 looks like.

```
.text, #text, p{  
    color:#028097  
}
```

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 #028097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #028097
}
```

Border

The CSS property to change the border of an element to Hex 028097 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
#028097 }
```

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

```
.border{ border-color:#028097 }
```

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

Here you see how a box with a 4 pixel #028097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #028097; -webkit-box-shadow:4px 4px  
4px 4px #028097; box-shadow:4px 4px 4px  
4px #028097 }
```

Background

The CSS property to change the background color of an element to Hex 028097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#028097 }
```

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

```
.background{ background-color:#028097 }
```

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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