

Converting Colors

Hex(028299)

Have a look what the booklet for
Hex(028299) contains.

Hex(028299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(028299)

Conversions

Conversions Part 1

Format	Color
Hex	028299
RGB	2, 130, 153
RGB Percent	1%, 51%, 60%
CMY	0.9922, 0.4902, 0.4000
CMYK	0.99, 0.15, 0.00, 0.40
HSL	189°, 97%, 30%
HSV	189°, 99%, 60%
XYZ	13.7574, 18.2781, 32.9399
YIQ	94.3500, -83.6710, -19.9830

Conversions

Conversions Part 2

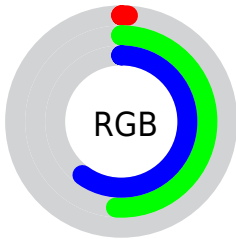
Format	Color
R_{YB}	2, 71, 153
Decimal	164505
CIE _{Lab}	49.83, -21.23, -20.76
CIE _{LCh}	50, 29.694, 224.353
Yxy	18.2781, 0.2117, 0.2813
Android (android.graphics.Color)	4278354585 (0xFF028299)
YUV	94.3500, 28.9145, -80.9909
Hunter-Lab	42.7529, -17.3780, -15.7543

Details

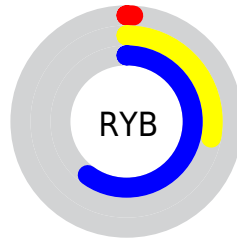
The Hex color **028299** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **991902**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **57B7CF**, and **005066** is the 20% darker color. If you saturate the color by 10%, you get **008299**, and if you desaturate by 10%, it is **118499**.

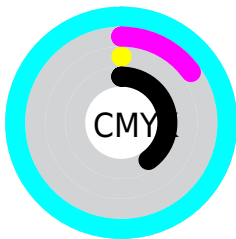
Distribution



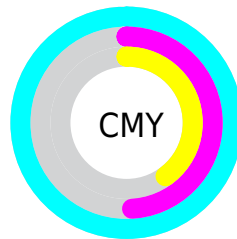
- Red (1%)
- Green (51%)
- Blue (60%)



- Red (1%)
- Yellow (28%)
- Blue (60%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)




- Cyan (99%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Hex color 028299 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 028299 by changing the saturation by 10% instead.

 028299

 028299

FFFFFF

 00697F

 57B7CF

 005066

 75D3EC

 00394E

 93EFFF

 002437

 B0FFFF

 000222

 CEFFFF

 000008

 EBFFFF

 000000

 028299

 028299

 008299

 118499

■ 218799

■ 308999

■ 3F8B99

■ 4E8E99

■ 5E9099

■ 6D9299

■ 7C9599

■ 8C9799

Harmonies

Analogous

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



158482



028299



397DA7

Triad

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



028299



9F6485



7B7945

Complementary

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



028299



991902

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.



927046



028299



A8636B

Square

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



028299



896C9B



A36854



5F7F52

Rectangle

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



028299



5878A9



A36854



837644

Sweetspot

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



028299



8BBEC7



029919



405E63



E3E3E3



636363

Same Dimension

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



028299



00A9C7



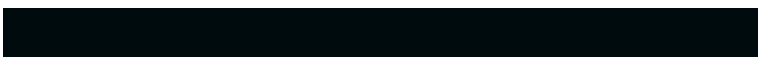
023799



454B4D



00778C



000B0D

Inverse Universe

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



990282



C700A9



996402



4D454B



8C0077



0D000B

Previews

White Background



This preview shows how the Hex color 028299 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

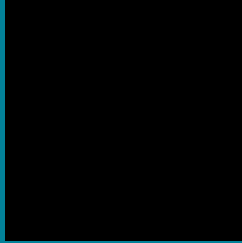
Any Text WCAG AA ✓ Pass

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 028299 Background



This preview shows how black text looks on a background with the Hex color 028299.

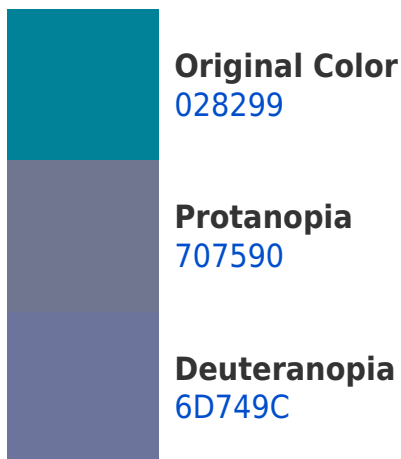


This preview shows how white text looks on a background with the Hex color 028299.

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
00838E

Trichromacy



Original Color
028299



Protanomaly
487A93



Deuteranomaly
46799B



Tritanomaly
018392

Monochromacy



Original Color
028299



Achromatopsia
5E5E5E



Achromatomaly
3D6B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 028299 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 #028299 looks like.

```
.text, #text, p{  
    color:#028299  
}
```

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 #028299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #028299
}
```

Border

The CSS property to change the border of an element to Hex 028299 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
#028299 }
```

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

```
.border{ border-color:#028299 }
```

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

Here you see how a box with a 4 pixel #028299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #028299; -webkit-box-shadow:4px 4px  
4px 4px #028299; box-shadow:4px 4px 4px  
4px #028299 }
```

Background

The CSS property to change the background color of an element to Hex 028299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#028299 }
```

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

```
.background{ background-color:#028299 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor