

Converting Colors

Hex(29739A)

Have a look what the booklet for
Hex(29739A) contains.

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Color

Hex(29739A)

Conversions

Conversions Part 1

Format	Color
Hex	29739A
RGB	41, 115, 154
RGB Percent	16%, 45%, 60%
CMY	0.8392, 0.5490, 0.3961
CMYK	0.73, 0.25, 0.00, 0.40
HSL	201°, 58%, 38%
HSV	201°, 73%, 60%
XYZ	12.8779, 15.0660, 32.8011
YIQ	97.3200, -56.6230, -3.5590

Conversions

Conversions Part 2

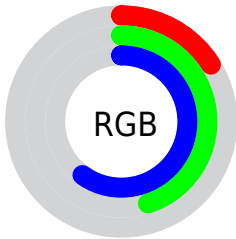
Format	Color
RYB	41, 86, 154
Decimal	2716570
CIELab	45.72, -9.25, -27.65
CIELCh	46, 29.156, 251.509
Yxy	15.0660, 0.2120, 0.2480
Android (android.graphics.Color)	4280906650 (0xFF29739A)
YUV	97.3200, 27.9432, -49.3926
Hunter-Lab	38.8149, -8.7038, -22.9335

Details

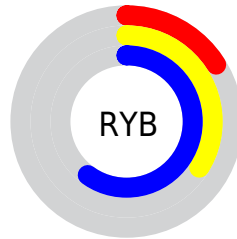
The Hex color **29739A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A5029**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **66A7D1**, and **004367** is the 20% darker color. If you saturate the color by 10%, you get **1A6E9A**, and if you desaturate by 10%, it is **38789A**.

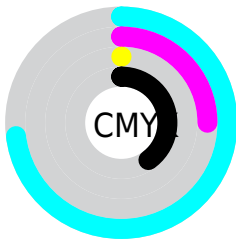
Distribution



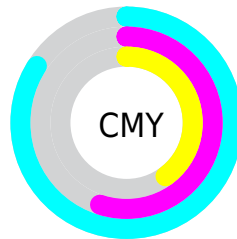
- Red (16%)
- Green (45%)
- Blue (60%)



- Red (16%)
- Yellow (34%)
- Blue (60%)



- Cyan (73%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29739A 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 29739A by changing the saturation by 10% instead.

■ 29739A

■ 29739A

FFFFFF

■ 005A80

■ 66A7D1

■ 004367

■ 82C2ED

■ 002D4E

■ 9EDEFB

■ 001937

■ BBFAFF

■ 000222

■ D8FFFF

■ 000007

■ F6FFFF

■ 000000

■ 29739A

■ 29739A

■ 1A6E9A

■ 38789A

■ 0A689A

■ 487E9A

■ 00659A

■ 57839A

■ 67889A

■ 768E9A

■ 85939A

■ 95989A

■ A49E9A

■ B4A39A

Harmonies

Analogous

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



00788C



29739A



586B9C

Triad

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



29739A



9B5964



587447

Complementary

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



29739A



9A5029

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.



736E3C



29739A



975D4D

Square

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



29739A



925B7C



89663E



38785C

Rectangle

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



29739A



706596



89663E



617242

Sweetspot

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



29739A



9DBAC9



299A4F



4B5D66



E6E6E6



666666

Same Dimension

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



29739A



188CC9



293C9A



454A4D



005C8C



00080D

Inverse Universe

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



9A2973



C9188C



9A8729



4D454A



8C005C



0D0008

Previews

White Background



This preview shows how the Hex color 29739A looks on a white background.

Color Contrast Check

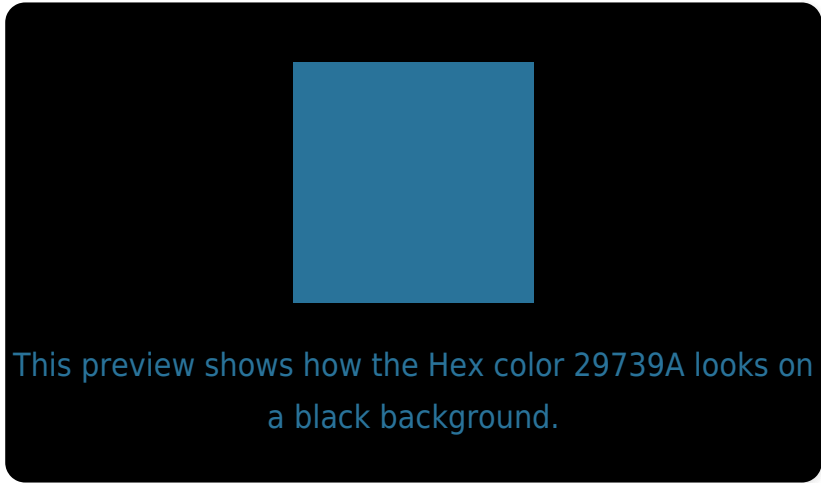
Large Text (above 18pt) WCAG AA ✓ Pass

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

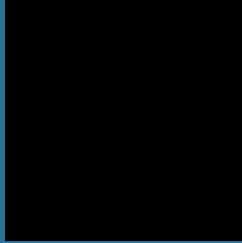
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 29739A Background



This preview shows how black text looks on a background with the Hex color 29739A.

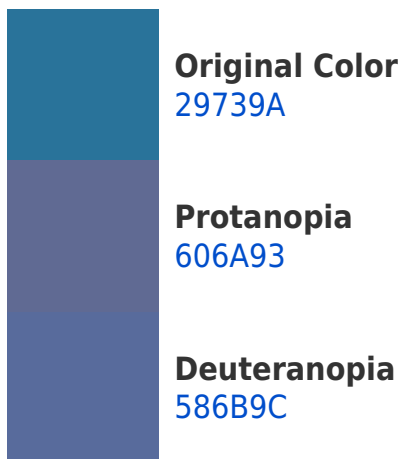


This preview shows how white text looks on a background with the Hex color 29739A.

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](#).

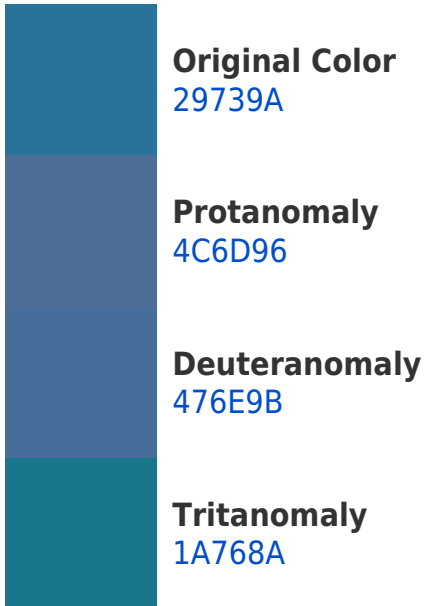
Dichromacy





Tritanopia
117881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29739A 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 #29739A looks like.

```
.text, #text, p{  
    color:#29739A  
}
```

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 #29739A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29739A
}
```

Border

The CSS property to change the border of an element to Hex 29739A 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
#29739A }
```

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

```
.border{ border-color:#29739A }
```

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

Here you see how a box with a 4 pixel #29739A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29739A; -webkit-box-shadow:4px 4px  
4px 4px #29739A; box-shadow:4px 4px 4px  
4px #29739A }
```

Background

The CSS property to change the background color of an element to Hex 29739A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29739A }
```

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

```
.background{ background-color:#29739A }
```

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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