

Converting Colors

Hex(37929A)

Have a look what the booklet for
Hex(37929A) contains.

Hex(37929A)	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(37929A)

Conversions

Conversions Part 1

Format	Color
Hex	37929A
RGB	55, 146, 154
RGB Percent	22%, 57%, 60%
CMY	0.7843, 0.4275, 0.3961
CMYK	0.64, 0.05, 0.00, 0.40
HSL	185°, 47%, 41%
HSV	185°, 64%, 60%
XYZ	17.6872, 23.7031, 34.2148
YIQ	119.7030, -56.8040, -16.8040

Conversions

Conversions Part 2

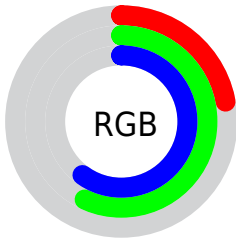
Format	Color
RYB	55, 102, 154
Decimal	3642010
CIELab	55.79, -23.98, -12.20
CIELCh	56, 26.902, 206.961
Yxy	23.7031, 0.2339, 0.3135
Android (android.graphics.Color)	4281832090 (0xFF37929A)
YUV	119.7030, 16.9084, -56.7445
Hunter-Lab	48.6858, -20.3526, -7.5870




Details

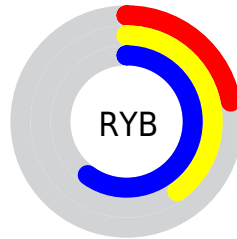
The Hex color **37929A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A3F37**, and the grayscale version is **787878**.




A 20% lighter version of the original color is **72C8D0**, and **005F67** is the 20% darker color. If you saturate the color by 10%, you get **28919A**, and if you desaturate by 10%, it is **46939A**.

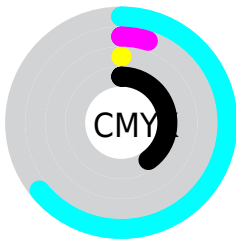
Distribution







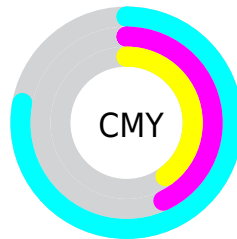
-  Red (22%)
-  Green (57%)
-  Blue (60%)






-  Red (22%)
-  Yellow (40%)
-  Blue (60%)



-  Cyan (64%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (78%)
-  Magenta (43%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37929A 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 37929A by changing the saturation by 10% instead.

 37929A

 37929A

FFFFFF

 0F7880

 72C8D0

 005F67

 8EE4ED

 00474F

 ABFFFF

 003038

 C8FFFF

 001D23

 E5FFFF

 00000C

 000000

 37929A

 37929A

 28919A

 46939A

■ 18909A

■ 56949A

■ 098E9A

■ 65969A

■ 008E9A

■ 75979A

■ 84989A

■ 93999A

■ A39B9A

■ B29C9A

■ C29D9A

Harmonies

Analogous

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



499282



37929A



428FAC

Triad

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



37929A



A1799F



988357

Complementary

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



37929A



9A3F37

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.



AA7B5F



37929A



B17489

Square

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



37929A



8681AF



B47572



808B5B

Rectangle

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



37929A



578BB3



B47572



9F8158

Sweetspot

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



37929A



A3C6C9



379A3E



4F6466



E6E6E6



666666

Same Dimension

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



37929A



2EBDC9



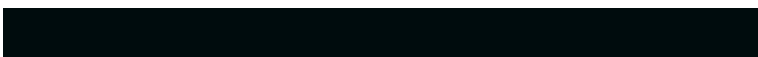
37629A



454C4D



00818C



000C0D

Inverse Universe

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



9A3792



C92EBD



9A6F37



4D454C



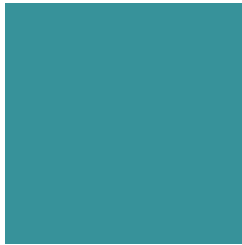
8C0081



0D000C

Previews

White Background



This preview shows how the Hex color 37929A looks on a white background.

Color Contrast Check

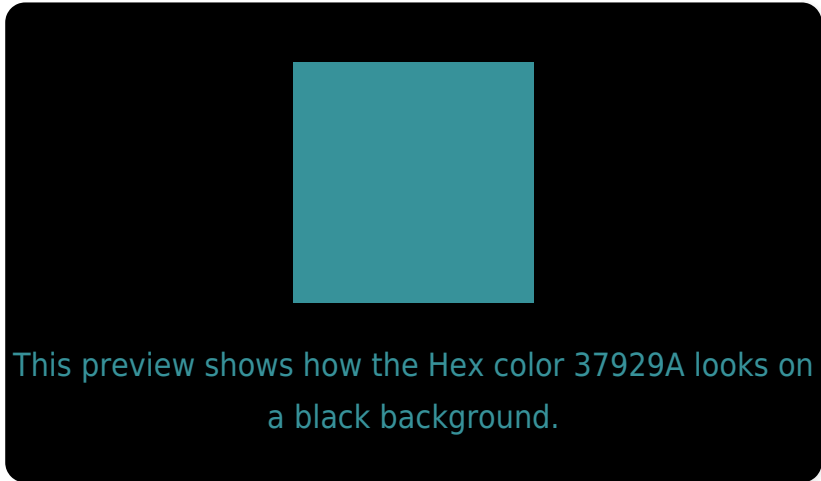
Large Text (above 18pt) WCAG AA ✓ Pass

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

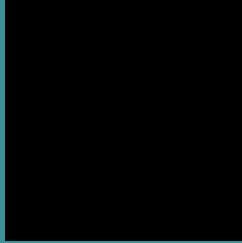
Any Text WCAG AA ✓ Pass

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 37929A Background



This preview shows how black text looks on a background with the Hex color 37929A.

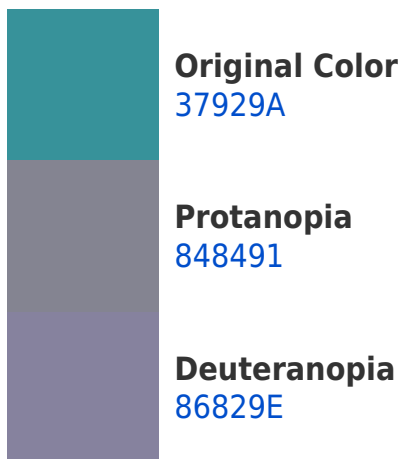


This preview shows how white text looks on a background with the Hex color 37929A.

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](#).

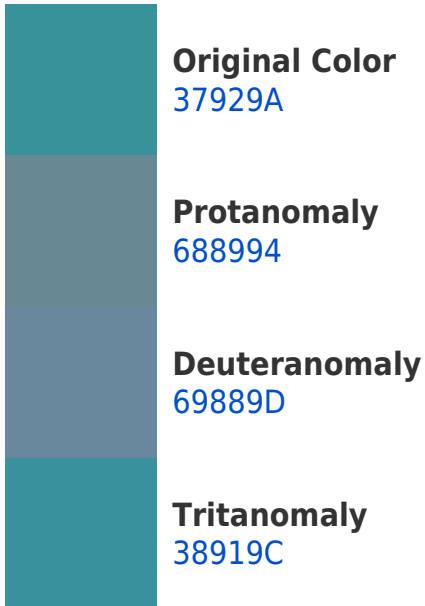
Dichromacy



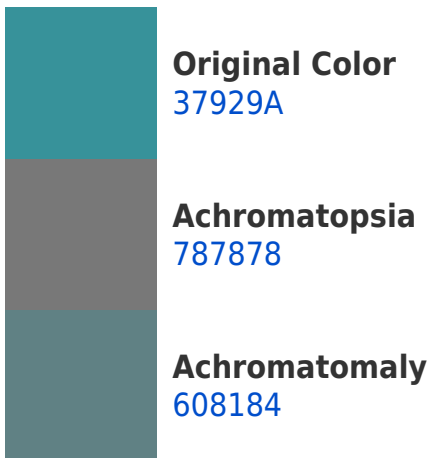


Tritanopia
39919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37929A 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 #37929A looks like.

```
.text, #text, p{  
    color:#37929A  
}
```

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 #37929A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37929A
}
```

Border

The CSS property to change the border of an element to Hex 37929A 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
#37929A }
```

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

```
.border{ border-color:#37929A }
```

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

Here you see how a box with a 4 pixel #37929A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37929A; -webkit-box-shadow:4px 4px  
4px 4px #37929A; box-shadow:4px 4px 4px  
4px #37929A }
```

Background

The CSS property to change the background color of an element to Hex 37929A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37929A }
```

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

```
.background{ background-color:#37929A }
```

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