

Converting Colors

Hex(40929D)

Have a look what the booklet for
Hex(40929D) contains.

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Color

Hex(40929D)

Conversions

Conversions Part 1

Format	Color
Hex	40929D
RGB	64, 146, 157
RGB Percent	25%, 57%, 62%
CMY	0.7490, 0.4275, 0.3843
CMYK	0.59, 0.07, 0.00, 0.38
HSL	187°, 42%, 43%
HSV	187°, 59%, 62%
XYZ	18.4790, 24.0821, 35.5726
YIQ	122.7360, -52.4030, -13.9630

Conversions

Conversions Part 2

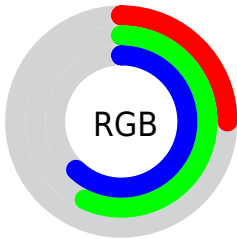
Format	Color
RYB	64, 108, 157
Decimal	4231837
CIELab	56.17, -21.42, -13.32
CIELCh	56, 25.222, 211.868
Yxy	24.0821, 0.2365, 0.3082
Android (android.graphics.Color)	4282421917 (0xFF40929D)
YUV	122.7360, 16.8922, -51.5115
Hunter-Lab	49.0735, -18.6629, -8.6270

Details

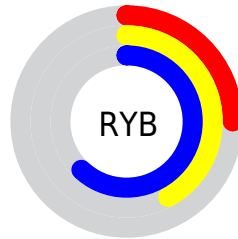
The Hex color **40929D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D4B40**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **79C8D4**, and **005F6A** is the 20% darker color. If you saturate the color by 10%, you get **30909D**, and if you desaturate by 10%, it is **50949D**.

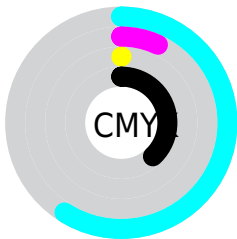
Distribution



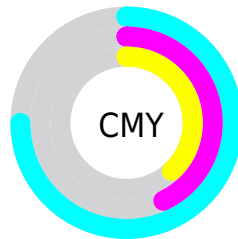
- Red (25%)
- Green (57%)
- Blue (62%)



- Red (25%)
- Yellow (42%)
- Blue (62%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (75%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40929D 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 40929D by changing the saturation by 10% instead.

■ 40929D

■ 40929D

FFFFFF

■ 1F7883

■ 79C8D4

■ 005F6A

■ 95E4F0

■ 004752

■ B1FFFF

■ 00303B

■ CEFFFF

■ 001D25

■ ECFFFF

■ 00010F

■ 000000

■ 40929D

■ 40929D

■ 30909D

■ 50949D

■ 218E9D

■ 5F969D

■ 118C9D

■ 6F989D

■ 018B9D

■ 7F999D

■ 008A9D

■ 8F9B9D

■ 9E9D9D

■ AE9F9D

■ BEA19D

■ CDA39D

Harmonies

Analogous

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



4C9387



40929D



4E8EAD

Triad

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



40929D



A47A9C



95865B

Complementary

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



40929D



9D4B40

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.



A77E61



40929D



B17686

Square

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



40929D



8C81AC



B27871



7D8C61

Rectangle

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



40929D



618BB2



B27871



9C835B

Sweetspot

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



40929D



A7C8CC



409D4B



506366



E6E6E6



666666

Same Dimension

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



40929D



3BBBCC



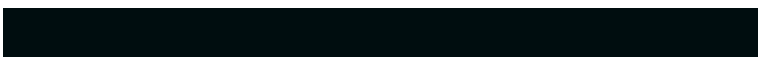
40649D



474E4F



007E8F



000D0F

Inverse Universe

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



9D4092



CC3BBB



9D7940



4F474E



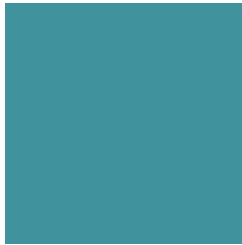
8F007E



0F000D

Previews

White Background



This preview shows how the Hex color 40929D looks on a white background.

Color Contrast Check

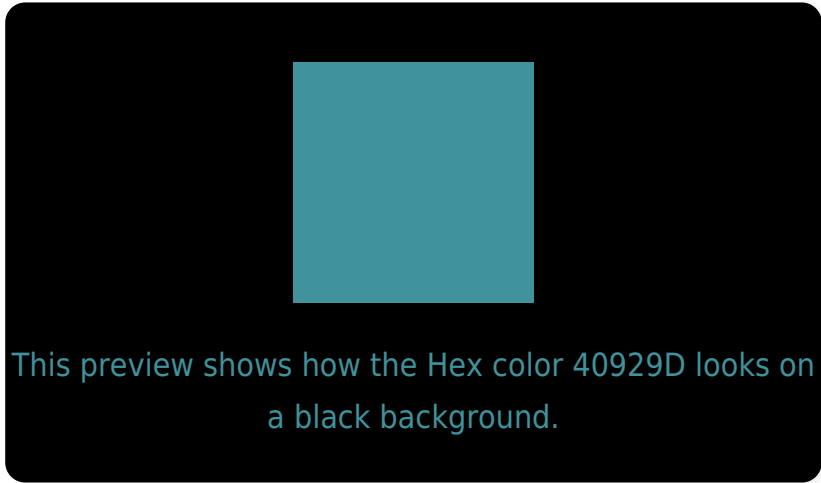
Large Text (above 18pt) WCAG AA ✓ Pass

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

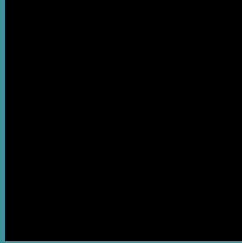
Any Text WCAG AA ✓ Pass

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 40929D Background



This preview shows how black text looks on a background with the Hex color 40929D.

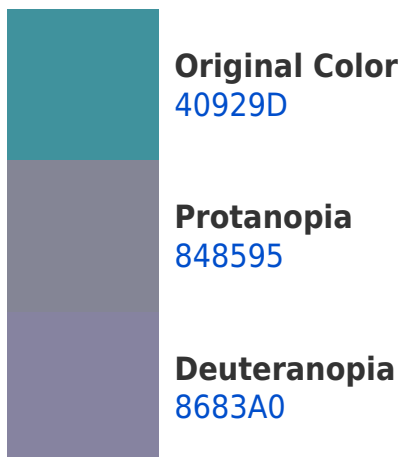


This preview shows how white text looks on a background with the Hex color 40929D.

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](#).

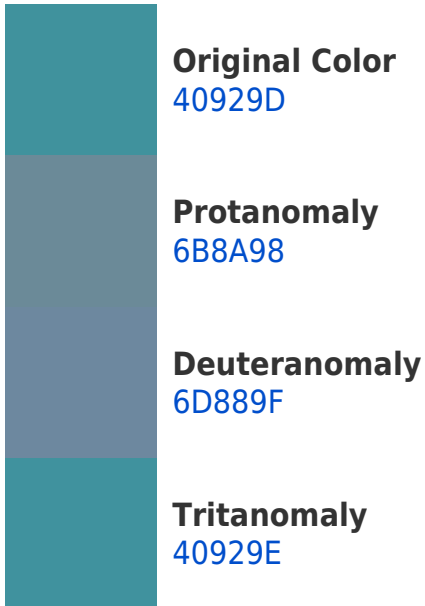
Dichromacy



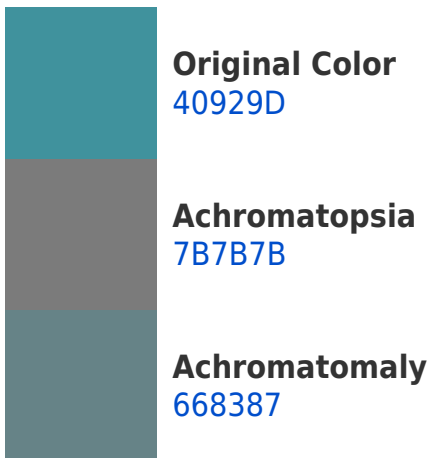


Tritanopia
40929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40929D 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 #40929D looks like.

```
.text, #text, p{  
    color:#40929D  
}
```

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 #40929D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40929D
}
```

Border

The CSS property to change the border of an element to Hex 40929D 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
#40929D }
```

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

```
.border{ border-color:#40929D }
```

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

Here you see how a box with a 4 pixel #40929D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40929D; -webkit-box-shadow:4px 4px  
4px 4px #40929D; box-shadow:4px 4px 4px  
4px #40929D }
```

Background

The CSS property to change the background color of an element to Hex 40929D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40929D }
```

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

```
.background{ background-color:#40929D }
```

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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