

Converting Colors

Hex(42829E)

Have a look what the booklet for
Hex(42829E) contains.

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Color

Hex(42829E)

Conversions

Conversions Part 1

Format	Color
Hex	42829E
RGB	66, 130, 158
RGB Percent	26%, 51%, 62%
CMY	0.7412, 0.4902, 0.3804
CMYK	0.58, 0.18, 0.00, 0.38
HSL	198°, 41%, 44%
HSV	198°, 58%, 62%
XYZ	16.4010, 19.5921, 35.2650
YIQ	114.0560, -47.1320, -4.8600

Conversions

Conversions Part 2

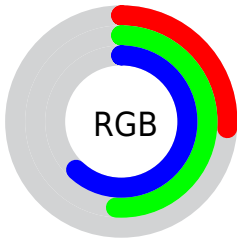
Format	Color
R_{YB}	66, 104, 158
Decimal	4358814
CIE _{Lab}	51.37, -12.04, -21.19
CIE _{LCh}	51, 24.368, 240.401
Yxy	19.5921, 0.2302, 0.2749
Android (android.graphics.Color)	4282548894 (0xFF42829E)
YUV	114.0560, 21.6644, -42.1451
Hunter-Lab	44.2630, -11.3199, -16.2531

Details

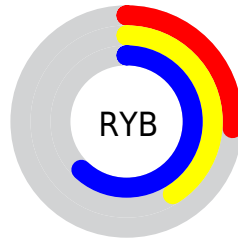
The Hex color **42829E** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **9E5E42**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **79B7D5**, and **00516B** is the 20% darker color. If you saturate the color by 10%, you get **327D9E**, and if you desaturate by 10%, it is **52879E**.

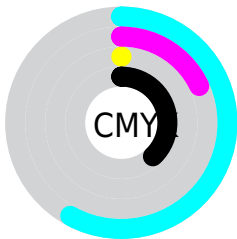
Distribution



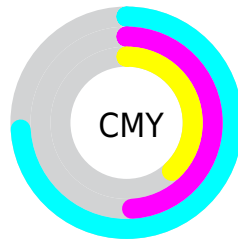
- Red (26%)
- Green (51%)
- Blue (62%)



- Red (26%)
- Yellow (41%)
- Blue (62%)



- Cyan (58%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (74%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42829E 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 42829E by changing the saturation by 10% instead.

■ 42829E

■ 42829E

FFFFFF

■ 246984

■ 79B7D5

■ 00516B

■ 95D3F1

■ 003A52

■ B1EFFF

■ 00243B

■ CEFFFF

■ 000C25

■ EBFFFF

■ 00010F

■ 000000

■ 42829E

■ 42829E

■ 327D9E

■ 52879E

■ 22789E

■ 628C9E

■ 13749E

■ 71909E

■ 036F9E

■ 81959E

■ 006E9E

■ 919A9E

■ A19F9E

■ B1A49E

■ C0A89E

■ D0AD9E

Harmonies

Analogous

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



36858F



42829E



5F7CA4

Triad

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



42829E



A26B7B



737F56

Complementary

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



42829E



9E5E42

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.



897951



42829E



A36C66

Square

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



42829E



956E8F



9A7257



5A8465

Rectangle

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



42829E



7477A1



9A7257



7A7E53

Sweetspot

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



42829E



ABC4CF



429E5E



546269



E8E8E8



696969

Same Dimension

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



42829E



3EA3CF



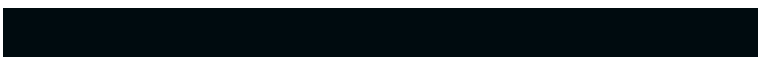
42549E



474D4F



00638F



000B0F

Inverse Universe

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



9E4282



CF3EA3



9E8C42



4F474D



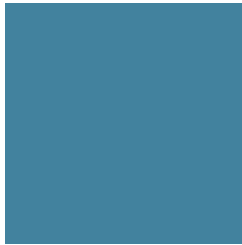
8F0063



0F000B

Previews

White Background



This preview shows how the Hex color 42829E looks on a white background.

Color Contrast Check

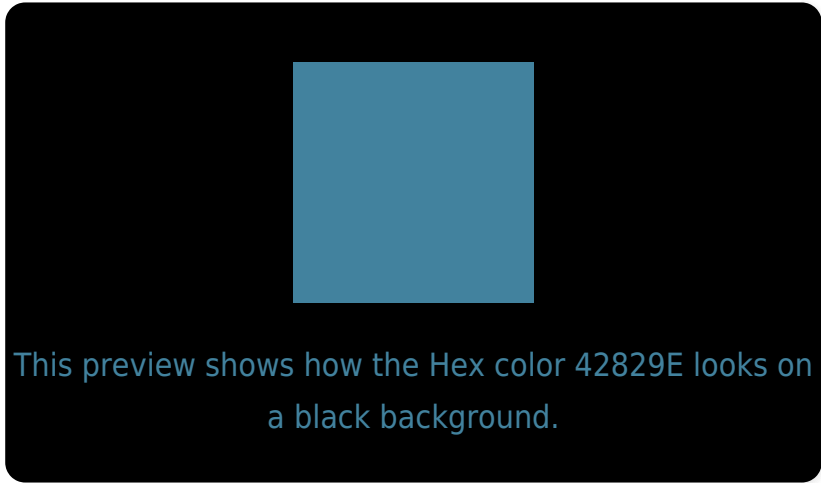
Large Text (above 18pt) WCAG AA ✓ Pass

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

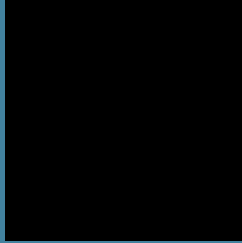
Any Text WCAG AA ✓ Pass

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 42829E Background



This preview shows how black text looks on a background with the Hex color 42829E.

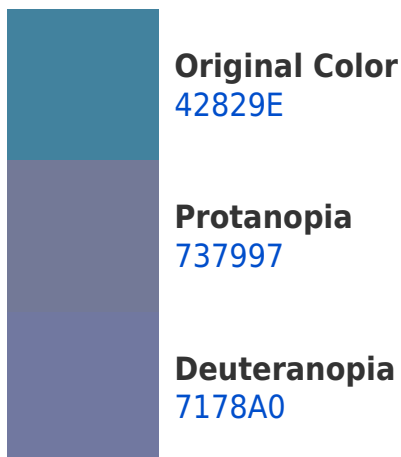


This preview shows how white text looks on a background with the Hex color 42829E.

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](#).

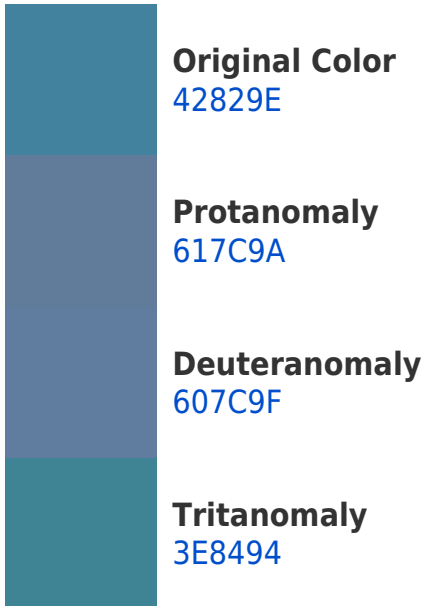
Dichromacy





Tritanopia
3C858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42829E 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 #42829E looks like.

```
.text, #text, p{  
    color:#42829E  
}
```

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 #42829E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42829E
}
```

Border

The CSS property to change the border of an element to Hex 42829E is called "border". The border property can be set on classes, ids or directly on the HTML element.

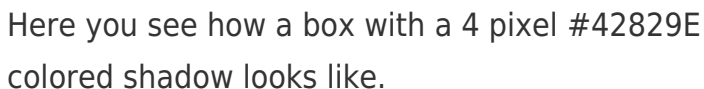
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42829E }
```

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

```
.border{ border-color:#42829E }
```

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



Here you see how a box with a 4 pixel #42829E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42829E; -webkit-box-shadow:4px 4px  
4px 4px #42829E; box-shadow:4px 4px 4px  
4px #42829E }
```

Background

The CSS property to change the background color of an element to Hex 42829E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42829E }
```

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

```
.background{ background-color:#42829E }
```

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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