

Converting Colors

Hex(44829F)

Have a look what the booklet for
Hex(44829F) contains.

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Color

Hex(44829F)

Conversions

Conversions Part 1

Format	Color
Hex	44829F
RGB	68, 130, 159
RGB Percent	27%, 51%, 62%
CMY	0.7333, 0.4902, 0.3765
CMYK	0.57, 0.18, 0.00, 0.38
HSL	199°, 40%, 45%
HSV	199°, 57%, 62%
XYZ	16.6245, 19.6974, 35.7267
YIQ	114.7680, -46.2610, -4.1250

Conversions

Conversions Part 2

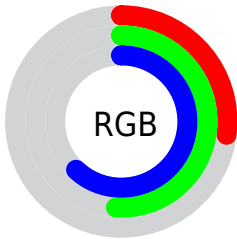
Format	Color
R _{YB}	68, 105, 159
Decimal	4489887
CIE _{Lab}	51.49, -11.30, -21.58
CIE _{LCh}	51, 24.356, 242.367
Y _{xy}	19.6974, 0.2307, 0.2734
Android (android.graphics.Color)	4282679967 (0xFF44829F)
YUV	114.7680, 21.8064, -41.0155
Hunter-Lab	44.3818, -10.8055, -16.6603

Details

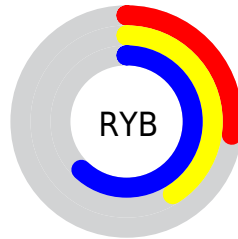
The Hex color **44829F** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **9F6144**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7BB7D6**, and **00516B** is the 20% darker color. If you saturate the color by 10%, you get **347D9F**, and if you desaturate by 10%, it is **54879F**.

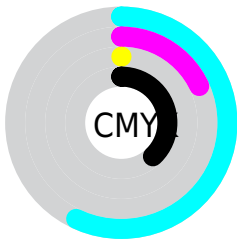
Distribution



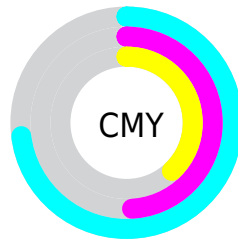
- Red (27%)
- Green (51%)
- Blue (62%)



- Red (27%)
- Yellow (41%)
- Blue (62%)



- Cyan (57%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (73%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44829F 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 44829F by changing the saturation by 10% instead.



44829F



44829F

FFFFFF



266985



7BB7D6



00516B



97D3F2



003A53



B3EFFF



00243C



D0FFFF



000D26



EDFFFF



000110



000000



44829F



44829F



347D9F



54879F

■ 24789F

■ 648C9F

■ 14739F

■ 74919F

■ 046E9F

■ 84969F

■ 006C9F

■ 949B9F

■ A3A09F

■ B3A59F

■ C3AB9F

■ D3B09F

Harmonies

Analogous

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



368590



44829F



627CA4

Triad

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



44829F



A36B7A



718057

Complementary

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



44829F



9F6144

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.



887A51



44829F



A36D65

Square

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



44829F



976E8E



997356



598467

Rectangle

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



44829F



7677A1



997356



797E54

Sweetspot

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



44829F



ABC3CF



449F61



546269



E8E8E8



696969

Same Dimension

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



44829F



40A1CF



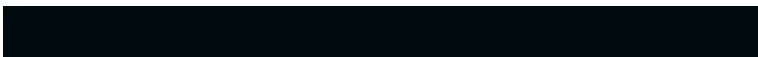
44559F



474D4F



00618F



000A0F

Inverse Universe

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



9F4482



CF40A1



9F8E44



4F474D



8F0061



0F000A

Previews

White Background



This preview shows how the Hex color 44829F looks on a white background.

Color Contrast Check

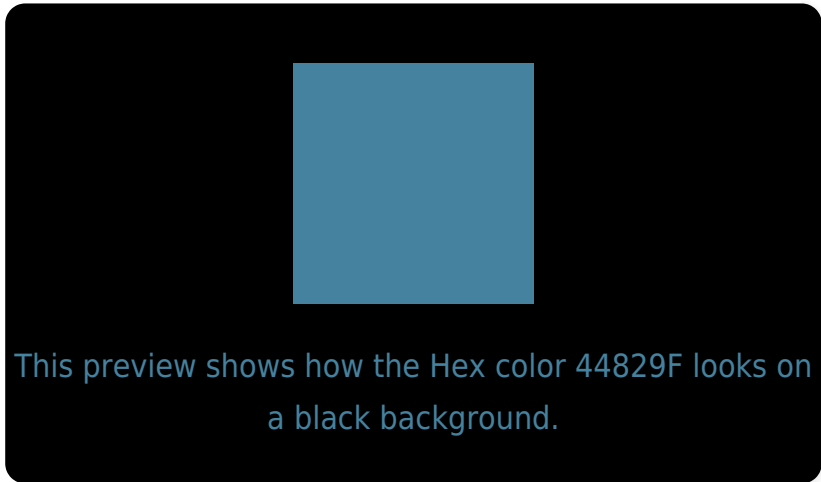
Large Text (above 18pt) WCAG AA ✓ Pass

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

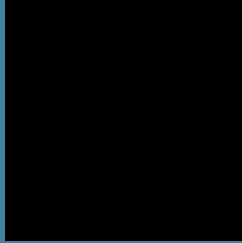
Any Text WCAG AA ✓ Pass

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 44829F Background



This preview shows how black text looks on a background with the Hex color 44829F.

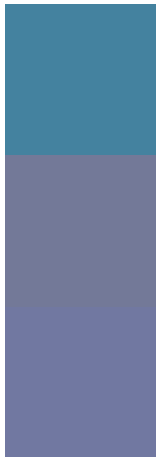


This preview shows how white text looks on a background with the Hex color 44829F.

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



Original Color
44829F

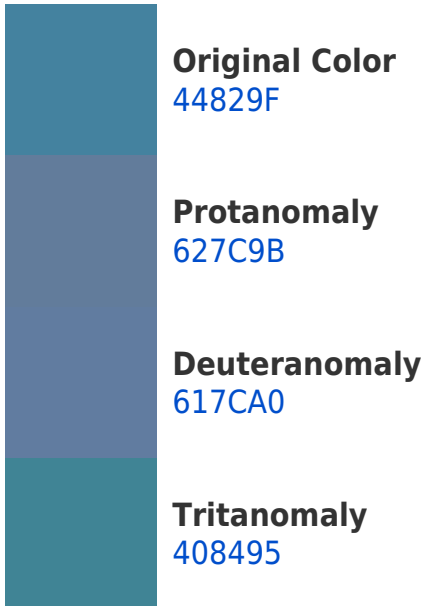
Protanopia
737998

Deuteranopia
7178A1



Tritanopia
3E858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44829F 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 #44829F looks like.

```
.text, #text, p{  
    color:#44829F  
}
```

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 #44829F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44829F
}
```

Border

The CSS property to change the border of an element to Hex 44829F 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
#44829F }
```

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

```
.border{ border-color:#44829F }
```

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

Here you see how a box with a 4 pixel #44829F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44829F; -webkit-box-shadow:4px 4px  
4px 4px #44829F; box-shadow:4px 4px 4px  
4px #44829F }
```

Background

The CSS property to change the background color of an element to Hex 44829F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44829F }
```

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

```
.background{ background-color:#44829F }
```

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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