

Converting Colors

Hex(29749F)

Have a look what the booklet for
Hex(29749F) contains.

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Color

Hex(29749F)

Conversions

Conversions Part 1

Format	Color
Hex	29749F
RGB	41, 116, 159
RGB Percent	16%, 45%, 62%
CMY	0.8392, 0.5451, 0.3765
CMYK	0.74, 0.27, 0.00, 0.38
HSL	202°, 59%, 39%
HSV	202°, 74%, 62%
XYZ	13.4179, 15.4654, 35.0788
YIQ	98.4770, -58.5030, -2.5270

Conversions

Conversions Part 2

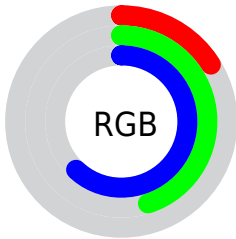
Format	Color
R_{YB}	41, 87, 159
Decimal	2716831
CIE _{Lab}	46.27, -8.04, -29.75
CIE _{LCh}	46, 30.819, 254.882
Yxy	15.4654, 0.2098, 0.2418
Android (android.graphics.Color)	4280906911 (0xFF29749F)
YUV	98.4770, 29.8378, -50.4073
Hunter-Lab	39.3261, -7.9174, -25.3584

Details

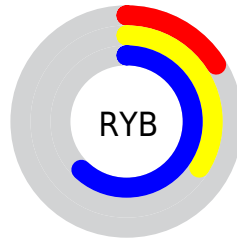
The Hex color **29749F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9F5429**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **67A8D6**, and **00446B** is the 20% darker color. If you saturate the color by 10%, you get **196E9F**, and if you desaturate by 10%, it is **397A9F**.

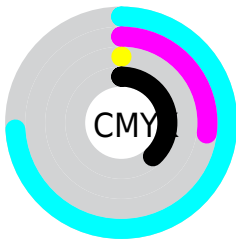
Distribution



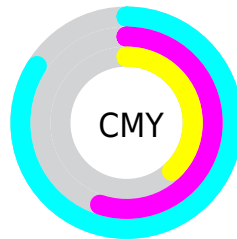
- Red (16%)
- Green (45%)
- Blue (62%)



- Red (16%)
- Yellow (34%)
- Blue (62%)



- Cyan (74%)
- Magenta (27%)
- Yellow (0%)
- Black (38%)



- Cyan (84%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29749F 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 29749F by changing the saturation by 10% instead.

■ 29749F

■ 29749F

FFFFFF

■ 005B85

■ 67A8D6

■ 00446B

■ 83C3F2

■ 002E53

■ A0DFFF

■ 001A3B

■ BDFCFF

■ 000226

■ DAFFFF

■ 00010E

■ F7FFFF

■ 000000

■ 29749F

■ 29749F

■ 196E9F

■ 397A9F

■ 09689F

■ 49809F

■ 00659F

■ 59859F

■ 698B9F

■ 79919F

■ 88979F

■ 989D9F

■ A8A29F

■ B8A89F

Harmonies

Analogous

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



007991



29749F



5C6C9F

Triad

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



29749F



9F5962



547748

Complementary

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



29749F



9F5429

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.



71703B



29749F



9A5F4A

Square

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



29749F



975B7C



89683C



317A5F

Rectangle

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



29749F



766598



89683C



5F7542

Sweetspot

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



29749F



A1BECF



299F52



4D5F69



E8E8E8



696969

Same Dimension

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



29749F



178CCF



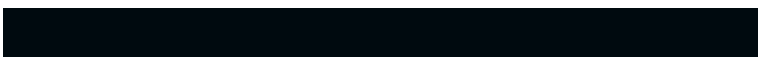
293B9F



474C4F



005B8F



000A0F

Inverse Universe

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



9F2974



CF178C



9F8D29



4F474C



8F005B



0F000A

Previews

White Background



This preview shows how the Hex color 29749F looks on a white background.

Color Contrast Check

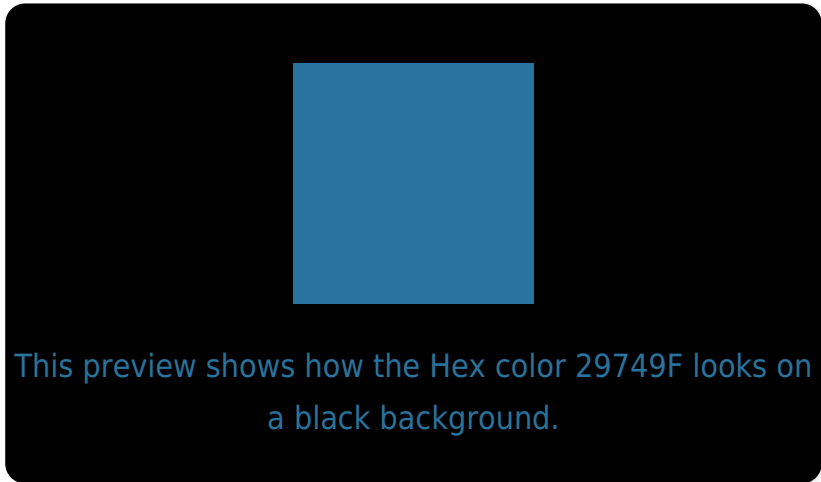
Large Text (above 18pt) WCAG AA ✓ Pass

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

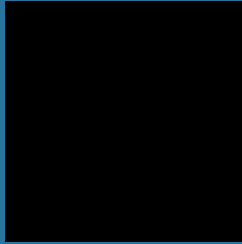
Any Text WCAG AA × Fail

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 29749F Background



This preview shows how black text looks on a background with the Hex color 29749F.

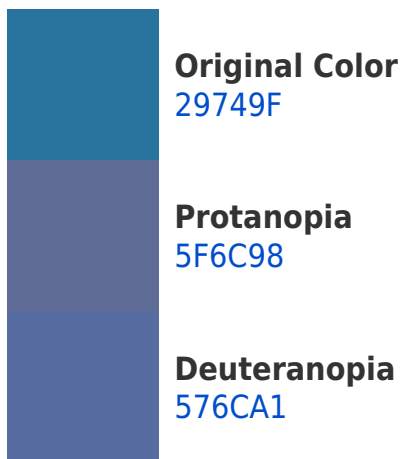


This preview shows how white text looks on a background with the Hex color 29749F.

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](#).

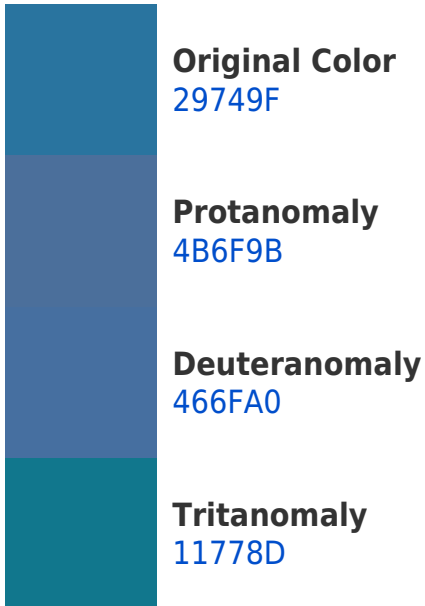
Dichromacy



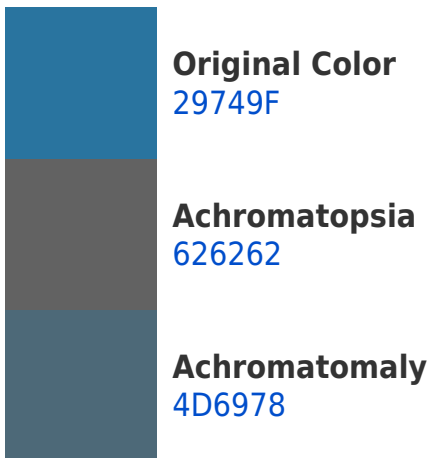


Tritanopia
047983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29749F 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 #29749F looks like.

```
.text, #text, p{  
    color:#29749F  
}
```

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 #29749F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29749F
}
```

Border

The CSS property to change the border of an element to Hex 29749F 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
#29749F }
```

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

```
.border{ border-color:#29749F }
```

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

Here you see how a box with a 4 pixel #29749F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29749F; -webkit-box-shadow:4px 4px  
4px 4px #29749F; box-shadow:4px 4px 4px  
4px #29749F }
```

Background

The CSS property to change the background color of an element to Hex 29749F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29749F }
```

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

```
.background{ background-color:#29749F }
```

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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