

Converting Colors

Hex(2D749F)

Have a look what the booklet for
Hex(2D749F) contains.

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Color

Hex(2D749F)

Conversions

Conversions Part 1

Format	Color
Hex	2D749F
RGB	45, 116, 159
RGB Percent	18%, 45%, 62%
CMY	0.8235, 0.5451, 0.3765
CMYK	0.72, 0.27, 0.00, 0.38
HSL	203°, 56%, 40%
HSV	203°, 72%, 62%
XYZ	13.5856, 15.5519, 35.0867
YIQ	99.6730, -56.1190, -1.6790

Conversions

Conversions Part 2

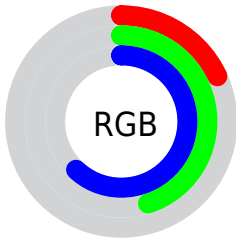
Format	Color
R_{YB}	45, 89, 159
Decimal	2978975
CIE _{Lab}	46.38, -7.46, -29.56
CIE _{LCh}	46, 30.489, 255.843
Yxy	15.5519, 0.2115, 0.2422
Android (android.graphics.Color)	4281169055 (0xFF2D749F)
YUV	99.6730, 29.2482, -47.9482
Hunter-Lab	39.4359, -7.5198, -25.1461

Details

The Hex color **2D749F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9F582D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **69A8D6**, and **00446B** is the 20% darker color. If you saturate the color by 10%, you get **1D6E9F**, and if you desaturate by 10%, it is **3D7A9F**.

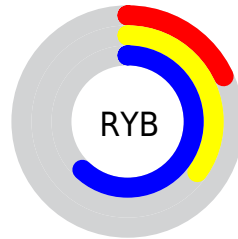
Distribution



Red (18%)

Green (45%)

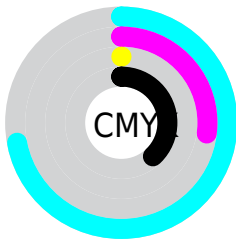
Blue (62%)



Red (18%)

Yellow (35%)

Blue (62%)

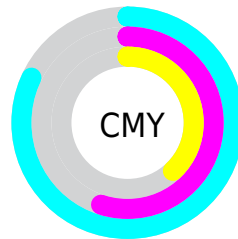


Cyan (72%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (82%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D749F 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 2D749F by changing the saturation by 10% instead.

■ 2D749F

■ 2D749F

FFFFFF

■ 005B85

■ 69A8D6

■ 00446B

■ 86C3F2

■ 002E53

■ A2DFFF

■ 001A3B

■ BFFCFF

■ 000226

■ DCFFFF

■ 00010E

■ FAFFFF

■ 000000

■ 2D749F

■ 2D749F

■ 1D6E9F

■ 3D7A9F

0D689F

4D809F

00639F

5D869F

6D8C9F

7D929F

8C989F

9C9E9F

ACA49F

BCAA9F

Harmonies

Analogous

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



007992



2D749F



5E6C9F

Triad

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



2D749F



9F5A61



547749

Complementary

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



2D749F



9F582D

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.



71713C



2D749F



995F4A

Square

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



2D749F



985B7B



89683C



317B61

Rectangle

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



2D749F



776597



89683C



5E7543

Sweetspot

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



2D749F



A1BDCF



2D9F57



4D5E69



E8E8E8



696969

Same Dimension

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



2D749F



1D8CCF



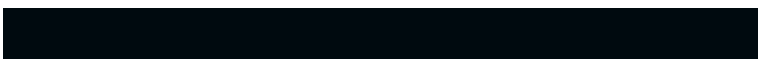
2D3C9F



474C4F



00598F



000A0F

Inverse Universe

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



9F2D74



CF1D8C



9F902D



4F474C



8F0059



0F000A

Previews

White Background



This preview shows how the Hex color 2D749F looks on a white background.

Color Contrast Check

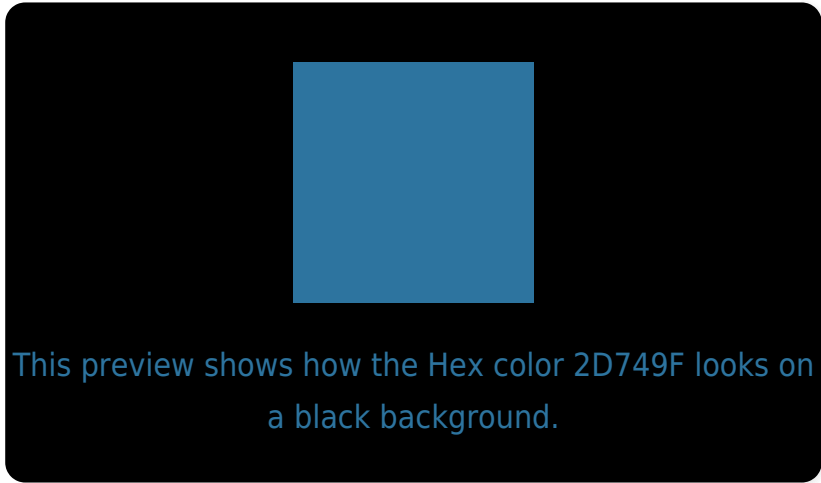
Large Text (above 18pt) WCAG AA ✓ Pass

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

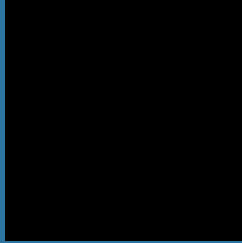
Any Text WCAG AA × Fail

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 2D749F Background



This preview shows how black text looks on a background with the Hex color 2D749F.

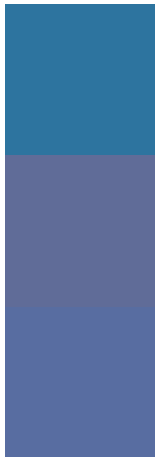


This preview shows how white text looks on a background with the Hex color 2D749F.

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
2D749F

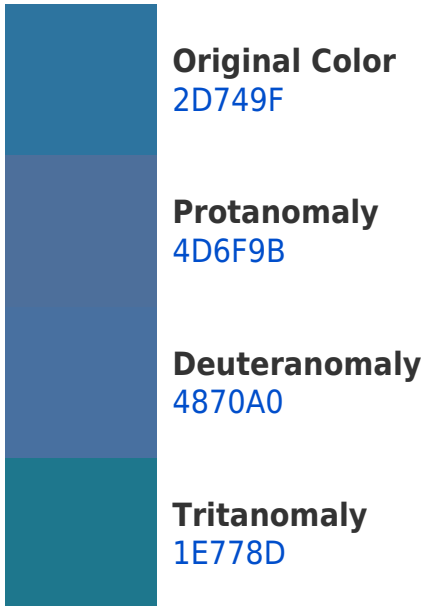
Protanopia
606C98

Deuteranopia
586DA1

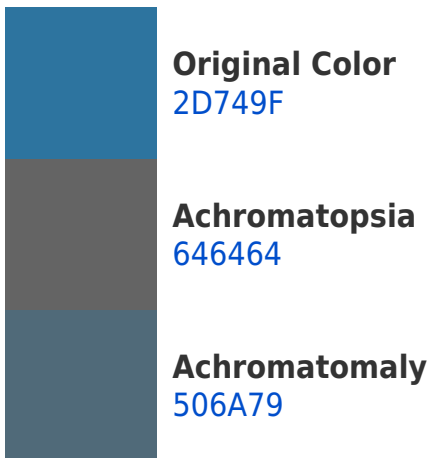


Tritanopia
157983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D749F 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 #2D749F looks like.

```
.text, #text, p{  
    color:#2D749F  
}
```

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 #2D749F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D749F
}
```

Border

The CSS property to change the border of an element to Hex 2D749F 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
#2D749F }
```

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

```
.border{ border-color:#2D749F }
```

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

Here you see how a box with a 4 pixel #2D749F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D749F; -webkit-box-shadow:4px 4px  
4px 4px #2D749F; box-shadow:4px 4px 4px  
4px #2D749F }
```

Background

The CSS property to change the background color of an element to Hex 2D749F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D749F }
```

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

```
.background{ background-color:#2D749F }
```

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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