

Converting Colors

Hex(2D689F)

Have a look what the booklet for
Hex(2D689F) contains.

Hex(2D689F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D689F)

Conversions

Conversions Part 1

Format	Color
Hex	2D689F
RGB	45, 104, 159
RGB Percent	18%, 41%, 62%
CMY	0.8235, 0.5922, 0.3765
CMYK	0.72, 0.35, 0.00, 0.38
HSL	209°, 56%, 40%
HSV	209°, 72%, 62%
XYZ	12.2905, 12.9617, 34.6550
YIQ	92.6290, -52.8190, 4.5970

Conversions

Conversions Part 2

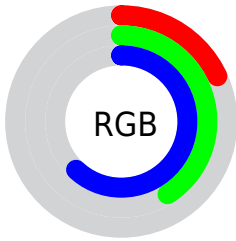
Format	Color
R_{YB}	45, 84, 159
Decimal	2975903
CIE _{Lab}	42.71, -0.20, -35.34
CIE _{LCh}	43, 35.336, 269.675
Yxy	12.9617, 0.2052, 0.2164
Android (android.graphics.Color)	4281165983 (0xFF2D689F)
YUV	92.6290, 32.7209, -41.7706
Hunter-Lab	36.0024, -2.0678, -31.8694

Details

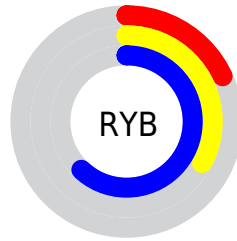
The Hex color **2D689F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F642D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **699BD6**, and **00396B** is the 20% darker color. If you saturate the color by 10%, you get **1D609F**, and if you desaturate by 10%, it is **3D709F**.

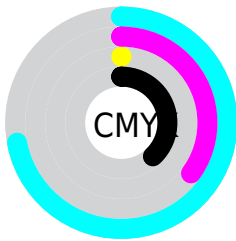
Distribution



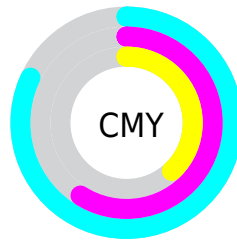
- Red (18%)
- Green (41%)
- Blue (62%)



- Red (18%)
- Yellow (33%)
- Blue (62%)



- Cyan (72%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D689F 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 2D689F by changing the saturation by 10% instead.

■ 2D689F

■ 2D689F

FFFFFF

■ 005085

■ 699BD6

■ 00396B

■ 85B6F3

■ 002453

■ A1D1FF

■ 000F3B

■ BEEDFF

■ 000225

■ DBFFFF

■ 00010D

■ F9FFFF

■ 000000

■ 2D689F

■ 2D689F

■ 1D609F

■ 3D709F

0D599F

4D779F

00529F

5D7F9F

6D879F

7D8E9F

8C969F

9C9E9F

ACA59F

BCAD9F

Harmonies

Analogous

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



006F97



2D689F



665D98

Triad

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



2D689F



9A4F4A



337146

Complementary

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



2D689F



9F642D

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.



596C30



2D689F



8D5833

Square

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



2D689F



9A4C66



766328



007364

Rectangle

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



2D689F



7F568B



766328



41703E

Sweetspot

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



2D689F



A1B9CF



2D9F62



4D5B69



E8E8E8



696969

Same Dimension

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



2D689F



1D79CF



2D319F



474B4F



004A8F



00080F

Inverse Universe

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



9F2D68



CF1D79



9F9B2D



4F474B



8F004A



0F0008

Previews

White Background



This preview shows how the Hex color 2D689F looks on a white background.

Color Contrast Check

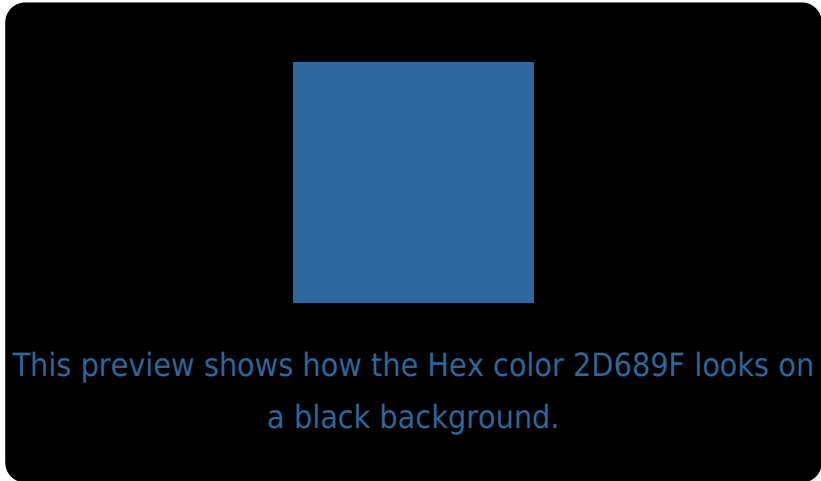
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D689F Background



This preview shows how black text looks on a background with the Hex color 2D689F.

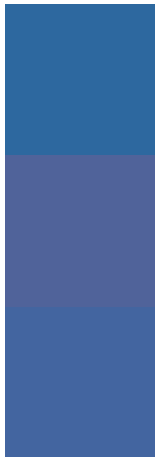


This preview shows how white text looks on a background with the Hex color 2D689F.

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
2D689F

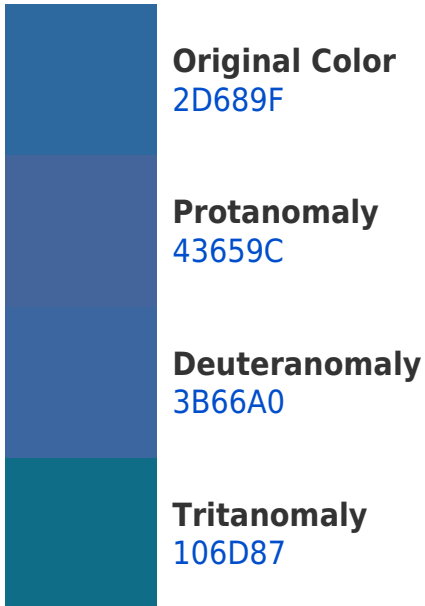
Protanopia
50639A

Deuteranopia
4365A0

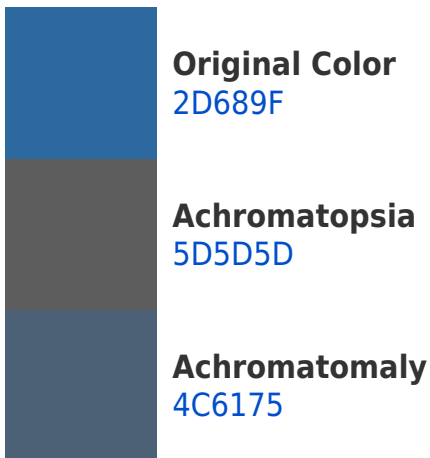


Tritanopia
007079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D689F 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 #2D689F looks like.

```
.text, #text, p{  
    color:#2D689F  
}
```

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 #2D689F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D689F
}
```

Border

The CSS property to change the border of an element to Hex 2D689F 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
#2D689F }
```

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

```
.border{ border-color:#2D689F }
```

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

Here you see how a box with a 4 pixel #2D689F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D689F; -webkit-box-shadow:4px 4px  
4px 4px #2D689F; box-shadow:4px 4px 4px  
4px #2D689F }
```

Background

The CSS property to change the background color of an element to Hex 2D689F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D689F }
```

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

```
.background{ background-color:#2D689F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor