

Converting Colors

Hex(2F9679)

Have a look what the booklet for
Hex(2F9679) contains.

Hex(2F9679)	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(2F9679)

Conversions

Conversions Part 1

Format	Color
Hex	2F9679
RGB	47, 150, 121
RGB Percent	18%, 59%, 47%
CMY	0.8157, 0.4118, 0.5255
CMYK	0.69, 0.00, 0.19, 0.41
HSL	163°, 52%, 39%
HSV	163°, 69%, 59%
XYZ	15.5298, 23.7975, 21.8640
YIQ	115.8970, -52.0790, -30.8550

Conversions

Conversions Part 2

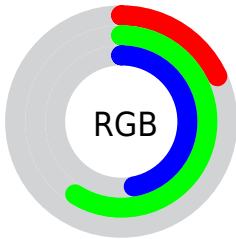
Format	Color
RYB	47, 107, 150
Decimal	3118713
CIELab	55.88, -36.50, 6.82
CIELCh	56, 37.133, 169.414
Yxy	23.7975, 0.2538, 0.3889
Android (android.graphics.Color)	4281308793 (0xFF2F9679)
YUV	115.8970, 2.5158, -60.4227
Hunter-Lab	48.7827, -28.5447, 7.5746

Details

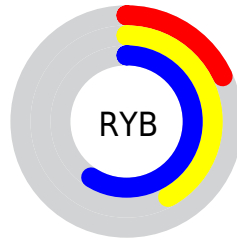
The Hex color **2F9679** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **962F4C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6ACDAD**, and **006248** is the 20% darker color. If you saturate the color by 10%, you get **209675**, and if you desaturate by 10%, it is **3E967D**.

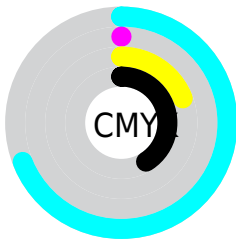
Distribution



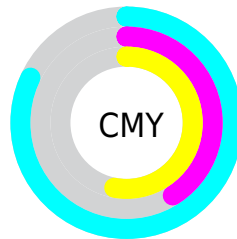
- Red (18%)
- Green (59%)
- Blue (47%)



- Red (18%)
- Yellow (42%)
- Blue (59%)



- Cyan (69%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)



- Cyan (82%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F9679 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 2F9679 by changing the saturation by 10% instead.



2F9679



2F9679

FFFFFF



007C60



6ACDAD



006248



87E9C9



004A32



A3FFE5



00321D



C0FFFF



001D04



DDFFFF



000000



FBBBBF



2F9679



2F9679



209675



3E967D

■ 119671

■ 4D9681

■ 02966C

■ 5C9686

■ 00966C

■ 6B968A

■ 7A968E

■ 899692

■ 989697

■ A7969B

■ B6969F

Harmonies

Analogous

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



60925B



2F9679



00979A

Triad

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



2F9679



7782C3



BA7556

Complementary

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



2F9679



962F4C

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.



C46D72



2F9679



A376B0

Square

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



2F9679



388DC5



BD6D93



A48046

Rectangle

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



2F9679



0095AE



BD6D93



BF715F

Sweetspot

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



2F9679



99C2B6



4C962F



49615A



E0E0E0



616161

Same Dimension

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



2F9679



23C295



2F8096



434A48



008A63



000A07

Inverse Universe

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



962F4C



C22350



96452F



4A4345



8A0027



0A0003

Previews

White Background



This preview shows how the Hex color 2F9679 looks on a white background.

Color Contrast Check

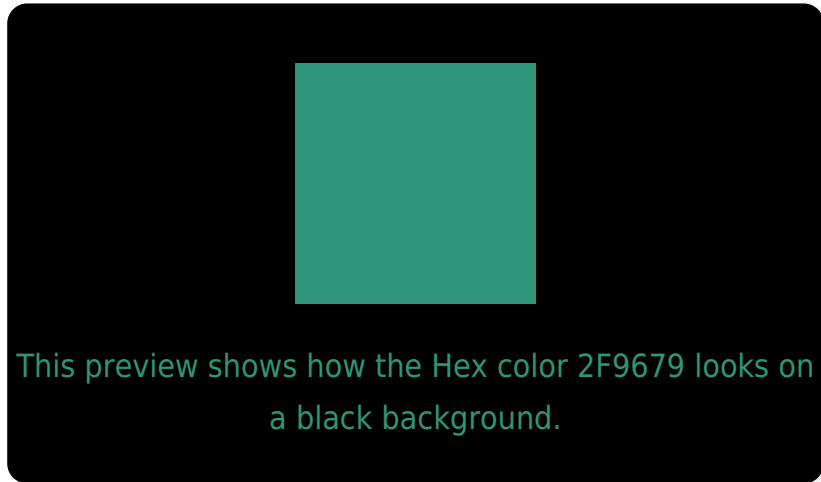
Large Text (above 18pt) WCAG AA ✓ Pass

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

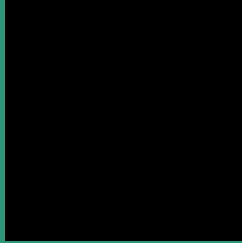
Any Text WCAG AA ✓ Pass

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 2F9679 Background



This preview shows how black text looks on a background with the Hex color 2F9679.



This preview shows how white text looks on a background with the Hex color 2F9679.

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
3F919D

Trichromacy



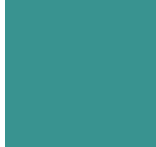
Original Color
2F9679



Protanomaly
6A8B73



Deuteranomaly
70887C



Tritanomaly
399390

Monochromacy



Original Color
2F9679



Achromatopsia
747474



Achromatomaly
5B8076

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F9679 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 #2F9679 looks like.

```
.text, #text, p{  
    color:#2F9679  
}
```

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 #2F9679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9679
}
```

Border

The CSS property to change the border of an element to Hex 2F9679 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
#2F9679 }
```

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

```
.border{ border-color:#2F9679 }
```

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

Here you see how a box with a 4 pixel #2F9679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9679; -webkit-box-shadow:4px 4px  
4px 4px #2F9679; box-shadow:4px 4px 4px  
4px #2F9679 }
```

Background

The CSS property to change the background color of an element to Hex 2F9679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9679 }
```

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

```
.background{ background-color:#2F9679 }
```

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