

# Converting Colors

Hex(29634F)

Have a look what the booklet for  
Hex(29634F) contains.

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# Color

Hex(29634F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	29634F
RGB	41, 99, 79
RGB Percent	16%, 39%, 31%
CMY	0.8392, 0.6118, 0.6902
CMYK	0.59, 0.00, 0.20, 0.61
HSL	159°, 41%, 27%
HSV	159°, 59%, 39%
XYZ	6.7876, 9.9596, 8.9618
YIQ	79.3780, -28.1480, -18.5160

# Conversions

## Conversions Part 2

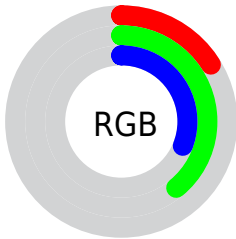
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	41, 76, 99
Decimal	2712399
CIE <sub>Lab</sub>	37.77, -24.33, 5.71
CIE <sub>LCh</sub>	38, 24.986, 166.792
Yxy	9.9596, 0.2640, 0.3874
Android (android.graphics.Color)	4280902479 (0xFF29634F)
YUV	79.3780, -0.1864, -33.6575
Hunter-Lab	31.5589, -16.8368, 5.2546

# Details

The Hex color **29634F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **63293D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5C9680**, and **003423** is the 20% darker color. If you saturate the color by 10%, you get **1F634C**, and if you desaturate by 10%, it is **336352**.

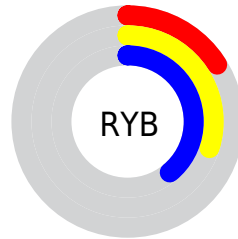
# Distribution



Red (16%)

Green (39%)

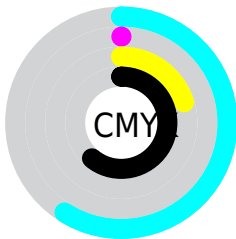
Blue (31%)



Red (16%)

Yellow (30%)

Blue (39%)

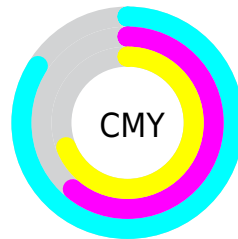


Cyan (59%)

Magenta (0%)

Yellow (20%)

Black (61%)



Cyan (84%)

Magenta (61%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29634F 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 29634F by changing the saturation by 10% instead.





29634F



29634F

FFFFFF



0C4B38



5C9680



003423



76B19A



00200D



91CDB5



000000



ACE9D0



C8FFED



E4FFFF



29634F



29634F



1F634C



336352

■ 156348

■ 3D6356

■ 0B6345

■ 476359

■ 016341

■ 51635D

■ 006341

■ 5B6360

■ 646363

■ 6E6367

■ 78636A

■ 82636E

# Harmonies

## Analogous

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



44603D



29634F



016464

# Triad

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



29634F



4E577F



7B4E3C

# Complementary

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



29634F



63293D

# 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.



80494E



29634F



695075

# Square

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



29634F



2A5E80



7A4A63



6E5532

# Rectangle

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



29634F



006370



7A4A63



7E4C42



# Sweetspot

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



29634F



698078



3D6329



32403B



BFBFBF



404040



# Same Dimension

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



29634F



268061



295A63



2C302F



00704A



00F09D



# Inverse Universe

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



63293D



802645



633229



302C2D



700027

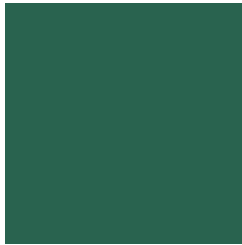


F00053



# Previews

## White Background



This preview shows how the Hex color 29634F looks on a white background.

## Color Contrast Check

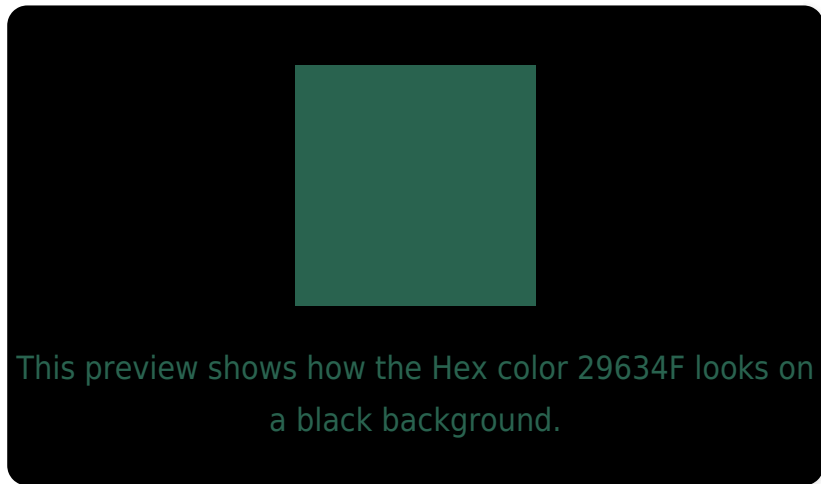
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

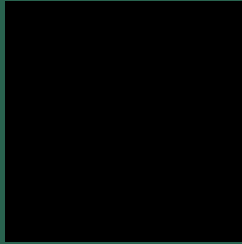
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 29634F Background



This preview shows how black text looks on a background with the Hex color 29634F.



This preview shows how white text looks on a background with the Hex color 29634F.

# 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**  
29634F

**Protanopia**  
5D584A

**Deuteranopia**  
635552



**Tritanopia**  
316067

# Trichromacy



**Original Color**  
29634F

**Protanomaly**  
4A5C4C

**Deuteranomaly**  
4E5A51

**Tritanomaly**  
2E615E

# Monochromacy



**Original Color**  
29634F

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
41564F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29634F 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 #29634F looks like.

```
.text, #text, p{  
    color:#29634F  
}
```

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 #29634F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29634F
}
```

## Border

The CSS property to change the border of an element to Hex 29634F 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
#29634F }
```

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

```
.border{ border-color:#29634F }
```

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

Here you see how a box with a 4 pixel #29634F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29634F; -webkit-box-shadow:4px 4px  
4px 4px #29634F; box-shadow:4px 4px 4px  
4px #29634F }
```

# Background

The CSS property to change the background color of an element to Hex 29634F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29634F }
```

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

```
.background{ background-color:#29634F }
```

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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