

# Converting Colors

Hex(29763F)

Have a look what the booklet for  
Hex(29763F) contains.

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# Color

Hex(29763F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	29763F
RGB	41, 118, 63
RGB Percent	16%, 46%, 25%
CMY	0.8392, 0.5373, 0.7529
CMYK	0.65, 0.00, 0.47, 0.54
HSL	137°, 48%, 31%
HSV	137°, 65%, 46%
XYZ	8.2901, 13.7872, 6.9269
YIQ	88.7070, -28.2370, -33.4290

# Conversions

## Conversions Part 2

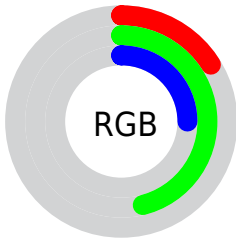
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 101, 118
Decimal	2717247
CIELab	43.93, -36.56, 23.48
CIELCh	44, 43.453, 147.291
Yxy	13.7872, 0.2858, 0.4754
Android (android.graphics.Color)	4280907327 (0xFF29763F)
YUV	88.7070, -12.6736, -41.8390
Hunter-Lab	37.1311, -25.1265, 14.9311

# Details

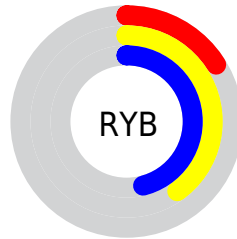
The Hex color **29763F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **762960**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5FAB70**, and **004512** is the 20% darker color. If you saturate the color by 10%, you get **1D7637**, and if you desaturate by 10%, it is **357647**.

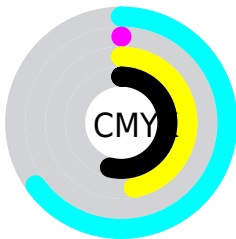
# Distribution



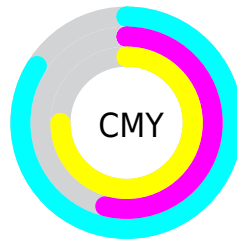
- Red (16%)
- Green (46%)
- Blue (25%)



- Red (16%)
- Yellow (40%)
- Blue (46%)



- Cyan (65%)
- Magenta (0%)
- Yellow (47%)
- Black (54%)



- Cyan (84%)
- Magenta (54%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29763F 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 29763F by changing the saturation by 10% instead.



■ 29763F

■ 29763F

FFFFFF

■ 045D28

■ 5FAB70

■ 004512

■ 7AC789

■ 002D00

■ 95E3A4

■ 001600

■ B1FFBF

■ 000000

■ CEFFDB

■ EBFFF7

■ 29763F

■ 29763F

■ 1D7637

■ 357647

■ 11762E

■ 417650

■ 067626

■ 4C7658

■ 007622

■ 587661

■ 647669

■ 707672

■ 7C767A

■ 877682

■ 93768B

# Harmonies

## Analogous

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



5B6F23



29763F



007963

# Triad

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



29763F



006DB0



A84A49

# Complementary

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



29763F



762960

# 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.



A7476D



29763F



6360A8

# Square

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



29763F



0075A4



91518F



99572B

# Rectangle

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



29763F



00797C



91518F



AA4854



# Sweetspot

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



29763F



7A9983



607629



3A4D3F



CCCCCC



4D4D4D



# Same Dimension

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



29763F



229944



297665



353B36



007A23



00FA47



# Inverse Universe

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



762960



992277



76293A



3B3539



7A0057



FA00B3



# Previews

## White Background



This preview shows how the Hex color 29763F looks on a white background.

## Color Contrast Check

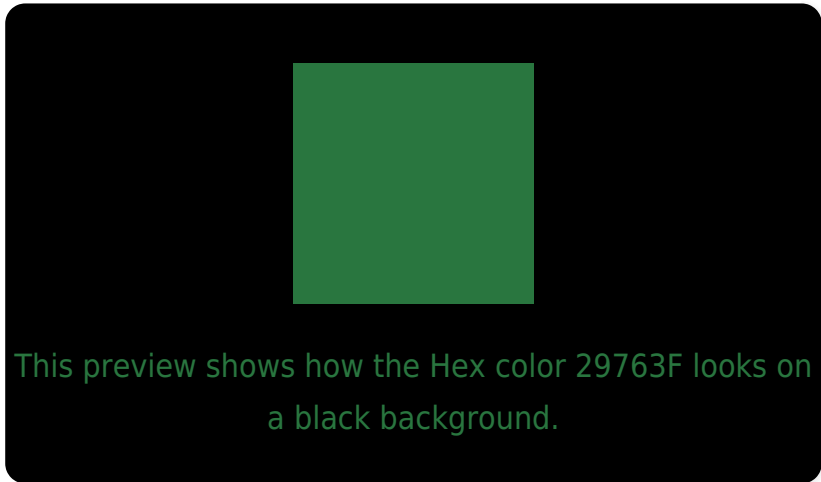
Large Text (above 18pt) WCAG AA ✓ Pass

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

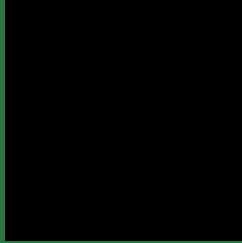
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 29763F Background



This preview shows how black text looks on a background with the Hex color 29763F.



This preview shows how white text looks on a background with the Hex color 29763F.

# 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**  
29763F

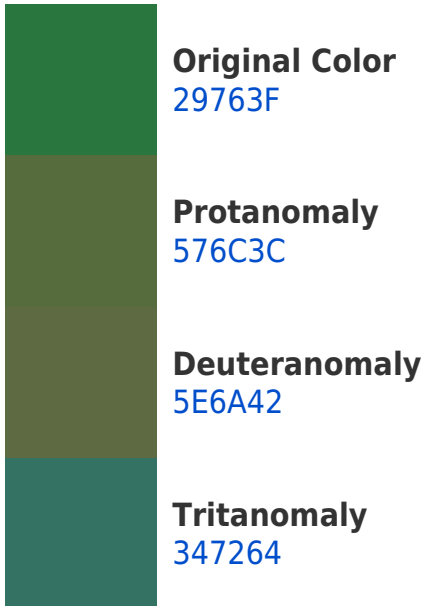
**Protanopia**  
71673A

**Deuteranopia**  
7C6344

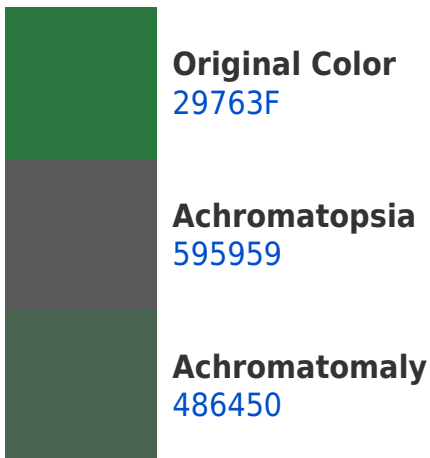


**Tritanopia**  
3B7079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29763F 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 #29763F looks like.

```
.text, #text, p{  
    color:#29763F  
}
```

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 #29763F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29763F
}
```

## Border

The CSS property to change the border of an element to Hex 29763F 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
#29763F }
```

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

```
.border{ border-color:#29763F }
```

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

Here you see how a box with a 4 pixel #29763F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29763F; -webkit-box-shadow:4px 4px  
4px 4px #29763F; box-shadow:4px 4px 4px  
4px #29763F }
```

# Background

The CSS property to change the background color of an element to Hex 29763F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29763F }
```

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

```
.background{ background-color:#29763F }
```

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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