

# Converting Colors

Hex(029C63)

Have a look what the booklet for  
Hex(029C63) contains.

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**Color**

**Hex(029C63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	029C63
RGB	2, 156, 99
RGB Percent	1%, 61%, 39%
CMY	0.9922, 0.3882, 0.6118
CMYK	0.99, 0.00, 0.37, 0.39
HSL	158°, 97%, 31%
HSV	158°, 99%, 61%
XYZ	14.1656, 24.6907, 15.8236
YIQ	103.4560, -73.4870, -50.3750

# Conversions

## Conversions Part 2

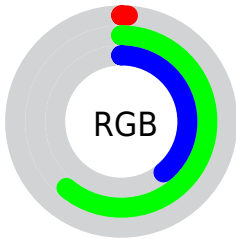
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 96, 156
Decimal	171107
CIELab	56.77, -48.58, 20.32
CIELCh	57, 52.659, 157.302
Yxy	24.6907, 0.2591, 0.4515
Android (android.graphics.Color)	4278361187 (0xFF029C63)
YUV	103.4560, -2.1968, -88.9769
Hunter-Lab	49.6897, -36.0699, 15.9021

# Details

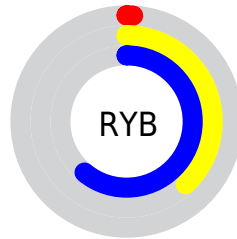
The Hex color **029C63** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C023B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58D496**, and **006734** is the 20% darker color. If you saturate the color by 10%, you get **009C62**, and if you desaturate by 10%, it is **129C69**.

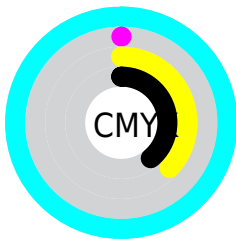
# Distribution



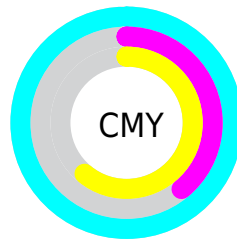
- Red (1%)
- Green (61%)
- Blue (39%)



- Red (1%)
- Yellow (38%)
- Blue (61%)



- Cyan (99%)
- Magenta (0%)
- Yellow (37%)
- Black (39%)



- Cyan (99%)
- Magenta (39%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 029C63 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 029C63 by changing the saturation by 10% instead.



 029C63

 029C63

FFFFFF

 00814B

 58D496

 006734

 76F0B1

 004E1E

 93FFCD

 003607

 B1FFE9

 001F00

 CEFFFF

 000000

 ECFFFF

 029C63

 029C63

 009C62

 129C69

 219C6F

 319C74

 409C7A

 509C80

 609C86

 6F9C8B

 7F9C91

 8E9C97

# Harmonies

## Analogous

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



66953B



029C63



009F92

# Triad

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



029C63



3F8AE3



D66753

# Complementary

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



029C63



9C023B

# 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.



DC5E7F



029C63



9977D2

# Square

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



029C63



0096DC



C965AD



BD7931

# Rectangle

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



029C63



009EB1



C965AD



DA6361



# Sweetspot

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



029C63



8FCCB5



3D9C02



416658



E6E6E6



666666



# Same Dimension

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



029C63



00CC80



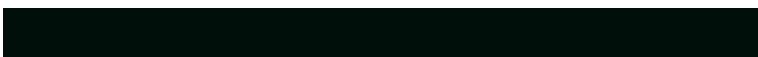
028A9C



474F4C



008F5A



000F0A



# Inverse Universe

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



9C023B



CC004C



9C1402



4F474A



8F0035



0F0006



# Previews

## White Background



This preview shows how the Hex color 029C63 looks on a white background.

## Color Contrast Check

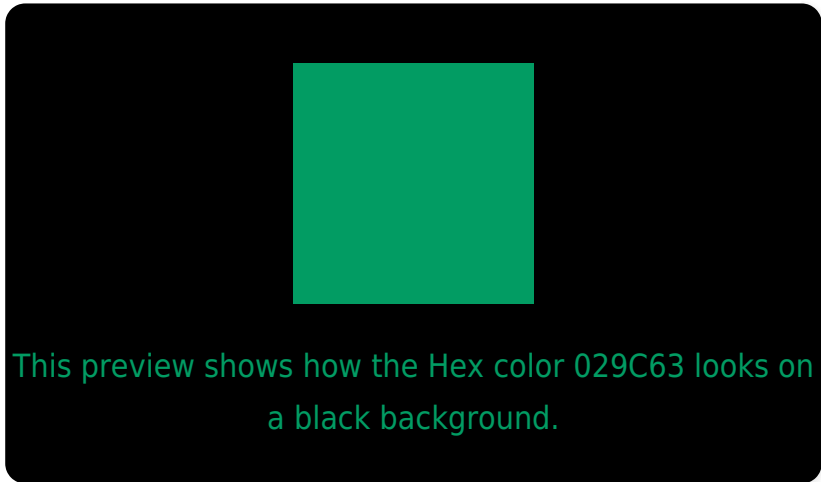
Large Text (above 18pt) WCAG AA ✓ Pass

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

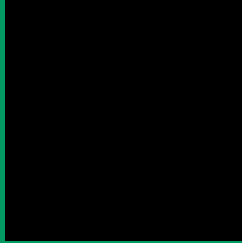
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 029C63 Background



This preview shows how black text looks on a background with the Hex color 029C63.

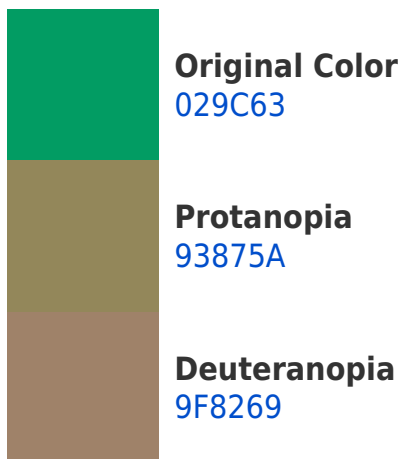


This preview shows how white text looks on a background with the Hex color 029C63.

# 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](#).

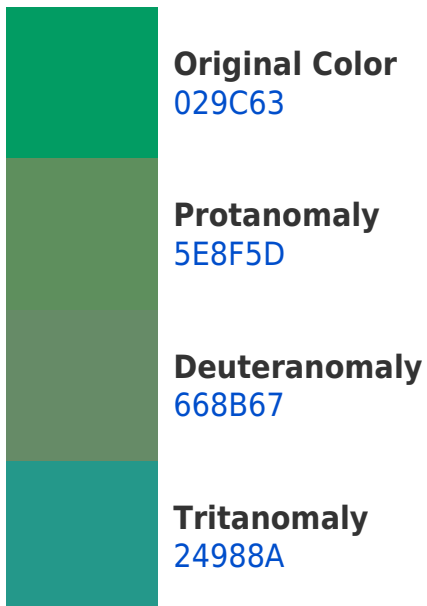
## Dichromacy





**Tritanopia**  
3795A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029C63 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 #029C63 looks like.

```
.text, #text, p{  
    color:#029C63  
}
```

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 #029C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029C63
}
```

## Border

The CSS property to change the border of an element to Hex 029C63 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
#029C63 }
```

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

```
.border{ border-color:#029C63 }
```

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

Here you see how a box with a 4 pixel #029C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029C63; -webkit-box-shadow:4px 4px  
4px 4px #029C63; box-shadow:4px 4px 4px  
4px #029C63 }
```

# Background

The CSS property to change the background color of an element to Hex 029C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029C63 }
```

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

```
.background{ background-color:#029C63 }
```

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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