

# Converting Colors

Hex(029753)

Have a look what the booklet for  
Hex(029753) contains.

<b>Hex(029753)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(029753)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	029753
RGB	2, 151, 83
RGB Percent	1%, 59%, 33%
CMY	0.9922, 0.4078, 0.6745
CMYK	0.99, 0.00, 0.45, 0.41
HSL	153°, 97%, 30%
HSV	153°, 99%, 59%
XYZ	12.6530, 22.7707, 11.9119
YIQ	98.6970, -66.9760, -52.7360

# Conversions

## Conversions Part 2

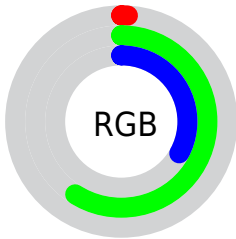
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 99, 151
Decimal	169811
CIELab	54.84, -50.02, 26.48
CIELCh	55, 56.597, 152.109
Yxy	22.7707, 0.2673, 0.4810
Android (android.graphics.Color)	4278359891 (0xFF029753)
YUV	98.6970, -7.7386, -84.8033
Hunter-Lab	47.7186, -36.1768, 18.6026

# Details

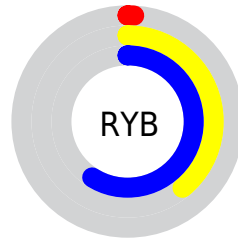
The Hex color **029753** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **970246**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **56CE85**, and **006324** is the 20% darker color. If you saturate the color by 10%, you get **009752**, and if you desaturate by 10%, it is **11975A**.

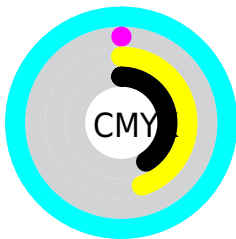
# Distribution



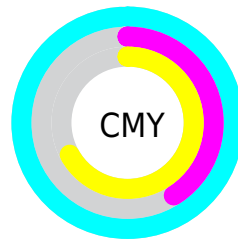
- Red (1%)
- Green (59%)
- Blue (33%)



- Red (1%)
- Yellow (39%)
- Blue (59%)



- Cyan (99%)
- Magenta (0%)
- Yellow (45%)
- Black (41%)



- Cyan (99%)
- Magenta (41%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 029753 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 029753 by changing the saturation by 10% instead.



 029753

 029753

FFFFFF

 007C3B

 56CE85

 006324

 74EBA0

 004A0D

 91FFBB

 003200

 AEFFD7

 001A00

 CCFFF3


 000000

 EAFFFF

 029753

 029753

 009752

 11975A

 209761

 2F9768

 3E976F

 4D9775

 5D977C

 6C9783

 7B978A

 8A9791

# Harmonies

## Analogous

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



678F28



029753



009A85

# Triad

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



029753



0088E5



D85C52

# Complementary

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



029753



970246

# 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.



DA5482



029753



8875D7

# Square

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



029753



0094D9



C15FB2



C06F2A

# Rectangle

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



029753



009AA7



C15FB2



DB5761



# Sweetspot

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



029753



89C4A9



489702



406353



E3E3E3



636363



# Same Dimension

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



029753



00C46B



029297



454D49



008C4C



000D07



# Inverse Universe

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



970246



C4005A



970702



4D4548



8C0040



0D0006



# Previews

## White Background



This preview shows how the Hex color 029753 looks on a white background.

## Color Contrast Check

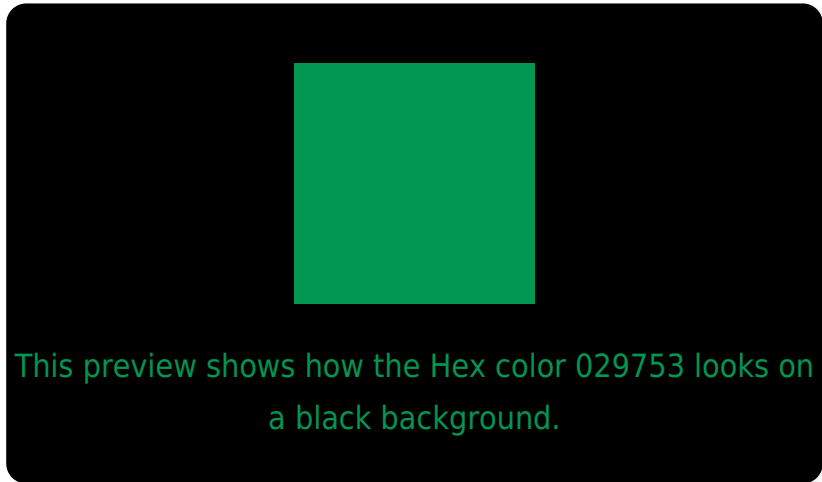
Large Text (above 18pt) WCAG AA ✓ Pass

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 029753 Background



This preview shows how black text looks on a background with the Hex color 029753.



This preview shows how white text looks on a background with the Hex color 029753.

# 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**  
388F9A

# Trichromacy



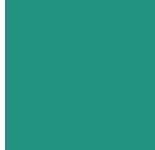
**Original Color**  
029753



**Protanomaly**  
5C8A4E



**Deuteranomaly**  
648657



**Tritanomaly**  
249280

# Monochromacy



**Original Color**  
029753



**Achromatopsia**  
636363



**Achromatomaly**  
40765D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029753 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 #029753 looks like.

```
.text, #text, p{  
    color:#029753  
}
```

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 #029753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029753
}
```

## Border

The CSS property to change the border of an element to Hex 029753 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
#029753 }
```

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

```
.border{ border-color:#029753 }
```

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

Here you see how a box with a 4 pixel #029753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029753; -webkit-box-shadow:4px 4px  
4px 4px #029753; box-shadow:4px 4px 4px  
4px #029753 }
```

# Background

The CSS property to change the background color of an element to Hex 029753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029753 }
```

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

```
.background{ background-color:#029753 }
```

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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