

# Converting Colors

Hex(029942)

Have a look what the booklet for  
Hex(029942) contains.

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**Color**

**Hex(029942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	029942
RGB	2, 153, 66
RGB Percent	1%, 60%, 26%
CMY	0.9922, 0.4000, 0.7412
CMYK	0.99, 0.00, 0.57, 0.40
HSL	145°, 97%, 30%
HSV	145°, 99%, 60%
XYZ	12.3996, 23.1887, 8.9766
YIQ	97.9330, -62.0690, -59.0690

# Conversions

## Conversions Part 2

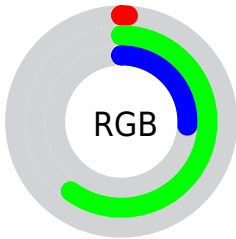
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 108, 153
Decimal	170306
CIELab	55.27, -53.59, 35.83
CIELCh	55, 64.467, 146.238
Yxy	23.1887, 0.2782, 0.5203
Android (android.graphics.Color)	4278360386 (0xFF029942)
YUV	97.9330, -15.7430, -84.1332
Hunter-Lab	48.1547, -38.3076, 22.6559

# Details

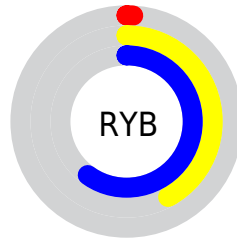
The Hex color **029942** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **990259**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **57D174**, and **006410** is the 20% darker color. If you saturate the color by 10%, you get **009941**, and if you desaturate by 10%, it is **11994B**.

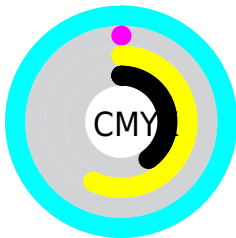
# Distribution



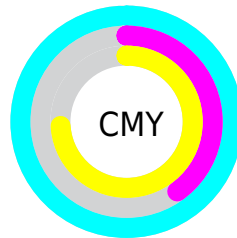
- Red (1%)
- Green (60%)
- Blue (26%)



- Red (1%)
- Yellow (42%)
- Blue (60%)



- Cyan (99%)
- Magenta (0%)
- Yellow (57%)
- Black (40%)



- Cyan (99%)
- Magenta (40%)
- Yellow (74%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 029942 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 029942 by changing the saturation by 10% instead.



 029942

 029942

FFFFFF

 007E2A

 57D174

 006410

 75ED8E

 004B00

 93FFA9

 003400

 B0FFC5

 001B00

 CEFFE1


 000000

 ECFFFE

 029942

 029942

 009941

 11994B

■ 219954

■ 30995C

■ 3F9965

■ 4E996E

■ 5E9977

■ 6D9980

■ 7C9989

■ 8C9991

# Harmonies

## Analogous

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



6F9005



029942



009D7B

# Triad

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



029942



008DF4



E55157

# Complementary

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



029942



990259

# 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.



E34A8E



029942



7479E9

# Square

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



029942



0099E1



C05EC3



CE6824

# Rectangle

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



029942



009EA2



C05EC3



E84B68



# Sweetspot

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



029942



8BC7A5



5A9902



40634F



E3E3E3



636363



# Same Dimension

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



029942



00C754



02998C



454D48



008C3B



000D05



# Inverse Universe

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



990259



C70073



99020F



4D4549



8C0051



0D0007



# Previews

## White Background



This preview shows how the Hex color 029942 looks on a white background.

## Color Contrast Check

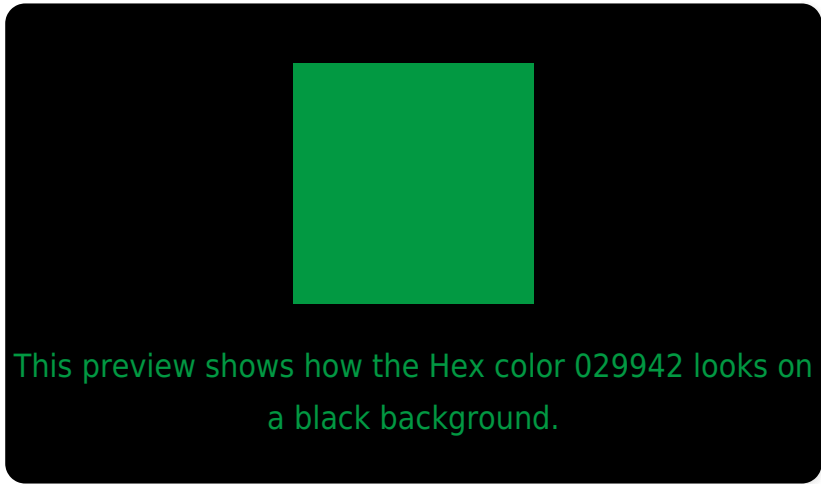
Large Text (above 18pt) WCAG AA ✓ Pass

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 029942 Background



This preview shows how black text looks on a background with the Hex color 029942.



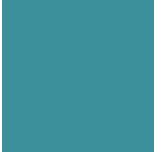
This preview shows how white text looks on a background with the Hex color 029942.

# 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**  
3C909B

# Trichromacy



**Original Color**

029942



**Protanomaly**

5E8C3E



**Deuteranomaly**

678747



**Tritanomaly**

27937B

# Monochromacy



**Original Color**

029942



**Achromatopsia**

626262



**Achromatomaly**

3F7656

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029942 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 #029942 looks like.

```
.text, #text, p{  
    color:#029942  
}
```

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 #029942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029942
}
```

## Border

The CSS property to change the border of an element to Hex 029942 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
#029942 }
```

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

```
.border{ border-color:#029942 }
```

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

Here you see how a box with a 4 pixel #029942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029942; -webkit-box-shadow:4px 4px  
4px 4px #029942; box-shadow:4px 4px 4px  
4px #029942 }
```

# Background

The CSS property to change the background color of an element to Hex 029942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029942 }
```

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

```
.background{ background-color:#029942 }
```

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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