

# Converting Colors

Hex(029457)

Have a look what the booklet for  
Hex(029457) contains.

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# Color

Hex(029457)

# Conversions

## Conversions Part 1

Format	Color
Hex	029457
RGB	2, 148, 87
RGB Percent	1%, 58%, 34%
CMY	0.9922, 0.4196, 0.6588
CMYK	0.99, 0.00, 0.41, 0.42
HSL	155°, 97%, 29%
HSV	155°, 99%, 58%
XYZ	12.3352, 21.8808, 12.5901
YIQ	97.3920, -67.4350, -49.9230

# Conversions

## Conversions Part 2

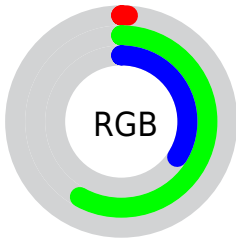
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 94, 148
Decimal	169047
CIELab	53.90, -48.15, 23.08
CIELCh	54, 53.394, 154.387
Yxy	21.8808, 0.2635, 0.4675
Android (android.graphics.Color)	4278359127 (0xFF029457)
YUV	97.3920, -5.1233, -83.6588
Hunter-Lab	46.7770, -34.7886, 16.7858

# Details

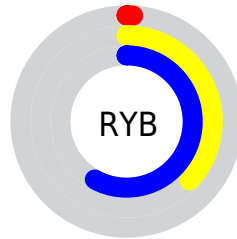
The Hex color **029457** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **94023F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **55CB89**, and **006028** is the 20% darker color. If you saturate the color by 10%, you get **009456**, and if you desaturate by 10%, it is **11945D**.

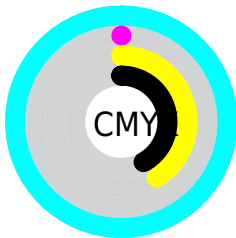
# Distribution



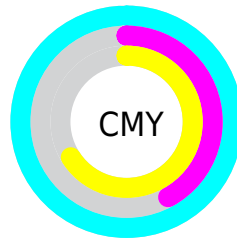
- Red (1%)
- Green (58%)
- Blue (34%)



- Red (1%)
- Yellow (37%)
- Blue (58%)



- Cyan (99%)
- Magenta (0%)
- Yellow (41%)
- Black (42%)



- Cyan (99%)
- Magenta (42%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 029457 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 029457 by changing the saturation by 10% instead.



 029457

 029457

FFFFFF

 007A3F

 55CB89

 006028

 73E8A4

 004712

 90FFBF

 003000

 ADFFDB


 001600

 CBFFF8


 000000

 E8FFFF

 029457

 029457

 009456

 11945D

 209463

 2E946A

 3D9470

 4C9476

 5B947C

 6A9482

 789488

 87948F

# Harmonies

## Analogous

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



638D2F



029457



009786

# Triad

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



029457



1884DD



D05E4F

# Complementary

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



029457



94023F

# 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.



D3557C



029457



8B72CD

# Square

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



029457



0090D3



BE5EAA



B8702B

# Rectangle

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



029457



0097A6



BE5EAA



D3595E



# Sweetspot

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



029457



86BFA7



419402



3E6152



E0E0E0



616161



# Same Dimension

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



029457



00BF6F



028A94



434A47



008A50



000A06



# Inverse Universe

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



94023F



BF0050



940C02



4A4346



8A003A



0A0004



# Previews

## White Background



This preview shows how the Hex color 029457 looks on a white background.

## Color Contrast Check

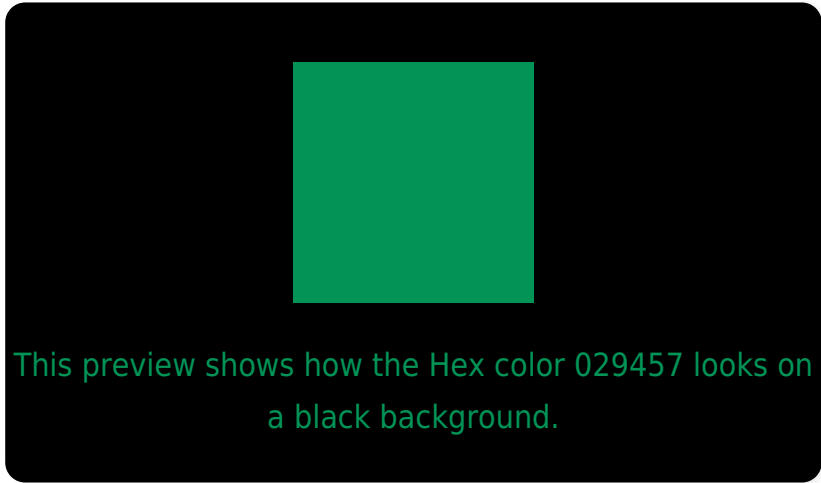
Large Text (above 18pt) WCAG AA ✓ Pass

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

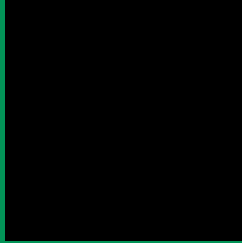
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 029457 Background



This preview shows how black text looks on a background with the Hex color 029457.

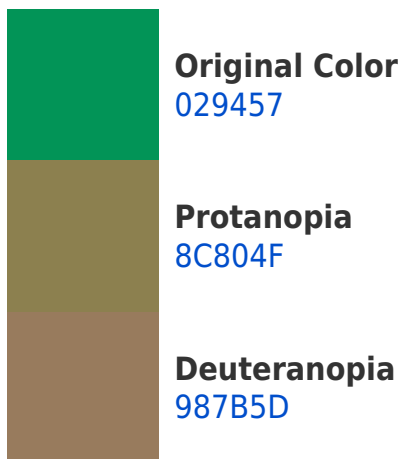


This preview shows how white text looks on a background with the Hex color 029457.

# 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**  
368C98

# Trichromacy



**Original Color**  
029457



**Protanomaly**  
5A8752



**Deuteranomaly**  
61845B



**Tritanomaly**  
238F80

# Monochromacy



**Original Color**  
029457



**Achromatopsia**  
616161



**Achromatomaly**  
3E745D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029457 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 #029457 looks like.

```
.text, #text, p{  
    color:#029457  
}
```

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 #029457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029457
}
```

## Border

The CSS property to change the border of an element to Hex 029457 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
#029457 }
```

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

```
.border{ border-color:#029457 }
```

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

Here you see how a box with a 4 pixel #029457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029457; -webkit-box-shadow:4px 4px  
4px 4px #029457; box-shadow:4px 4px 4px  
4px #029457 }
```

# Background

The CSS property to change the background color of an element to Hex 029457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029457 }
```

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

```
.background{ background-color:#029457 }
```

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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