

# Converting Colors

Hex(029257)

Have a look what the booklet for  
Hex(029257) contains.

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# Color

Hex(029257)

# Conversions

## Conversions Part 1

Format	Color
Hex	029257
RGB	2, 146, 87
RGB Percent	1%, 57%, 34%
CMY	0.9922, 0.4275, 0.6588
CMYK	0.99, 0.00, 0.40, 0.43
HSL	155°, 97%, 29%
HSV	155°, 99%, 57%
XYZ	12.0242, 21.2588, 12.4864
YIQ	96.2180, -66.8850, -48.8770

# Conversions

## Conversions Part 2

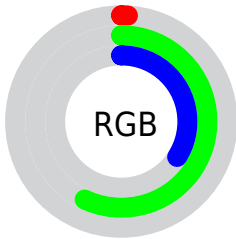
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 93, 146
Decimal	168535
CIELab	53.23, -47.41, 22.20
CIElCh	53, 52.349, 154.912
Yxy	21.2588, 0.2627, 0.4645
Android (android.graphics.Color)	4278358615 (0xFF029257)
YUV	96.2180, -4.5445, -82.6292
Hunter-Lab	46.1073, -34.1371, 16.2186

# Details

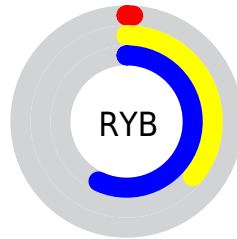
The Hex color **029257** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **92023D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **55C989**, and **005E29** is the 20% darker color. If you saturate the color by 10%, you get **009256**, and if you desaturate by 10%, it is **11925D**.

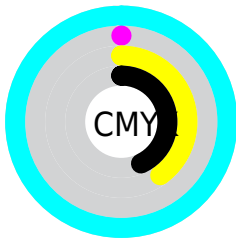
# Distribution



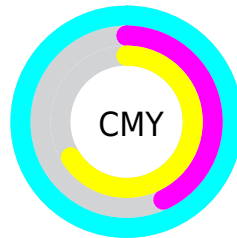
- Red (1%)
- Green (57%)
- Blue (34%)



- Red (1%)
- Yellow (36%)
- Blue (57%)



- Cyan (99%)
- Magenta (0%)
- Yellow (40%)
- Black (43%)



- Cyan (99%)
- Magenta (43%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 029257 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 029257 by changing the saturation by 10% instead.



 029257

 029257

FFFFFF

 00783F

 55C989

 005E29

 72E6A4

 004513

 8FFFBF

 002E00

 ACFFDB

 001300

 CAFFF8


 000000

 E7FFFF

 029257

 029257

 009256

 11925D

 1F9263

 2E9269

 3C926F

 4B9275

 5A927B

 689281

 779287

 85928D

# Harmonies

## Analogous

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



618B30



029257



009585

# Triad

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



029257



2182D9



CC5D4E

# Complementary

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



029257



92023D

# 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.



D0557A



029257



8A70C9

# Square

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



029257



008ED0



BB5DA6



B56F2B

# Rectangle

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



029257



0095A4



BB5DA6



D0595C



# Sweetspot

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



029257



84BDA6



3E9202



3C5E50



DEDEDE



5E5E5E



# Same Dimension

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



029257



00BD6F



028692



434A47



008A51



000A06



# Inverse Universe

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



92023D



BD004D



920E02



4A4346



8A0038



0A0004



# Previews

## White Background



This preview shows how the Hex color 029257 looks on a white background.

## Color Contrast Check

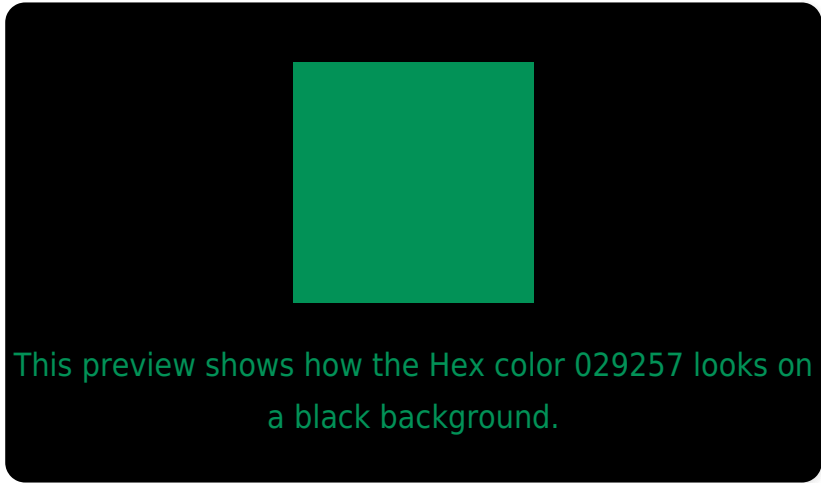
Large Text (above 18pt) WCAG AA ✓ Pass

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 029257 Background



This preview shows how black text looks on a background with the Hex color 029257.

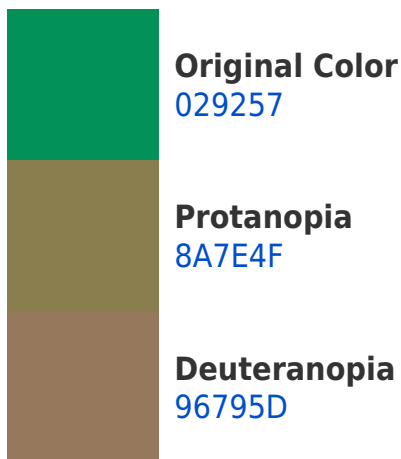


This preview shows how white text looks on a background with the Hex color 029257.

# 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**  
358B96

# Trichromacy



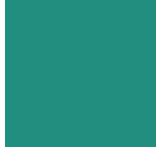
**Original Color**  
029257



**Protanomaly**  
598552



**Deuteranomaly**  
60825B



**Tritanomaly**  
228E7F

# Monochromacy



**Original Color**  
029257



**Achromatopsia**  
606060



**Achromatomaly**  
3E725D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029257 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 #029257 looks like.

```
.text, #text, p{  
    color:#029257  
}
```

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 #029257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029257
}
```

## Border

The CSS property to change the border of an element to Hex 029257 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
#029257 }
```

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

```
.border{ border-color:#029257 }
```

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

Here you see how a box with a 4 pixel #029257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029257; -webkit-box-shadow:4px 4px  
4px 4px #029257; box-shadow:4px 4px 4px  
4px #029257 }
```

# Background

The CSS property to change the background color of an element to Hex 029257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029257 }
```

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

```
.background{ background-color:#029257 }
```

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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