

Converting Colors

Hex(027D39)

Have a look what the booklet for
Hex(027D39) contains.

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Color

Hex(027D39)

Conversions

Conversions Part 1

Format	Color
Hex	027D39
RGB	2, 125, 57
RGB Percent	1%, 49%, 22%
CMY	0.9922, 0.5098, 0.7765
CMYK	0.98, 0.00, 0.54, 0.51
HSL	147°, 97%, 25%
HSV	147°, 98%, 49%
XYZ	8.0972, 14.9755, 6.3347
YIQ	80.4710, -51.4800, -47.2240

Conversions

Conversions Part 2

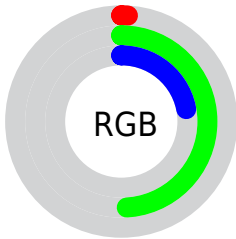
Format	Color
RYB	2, 87, 125
Decimal	163129
CIELab	45.60, -45.51, 28.71
CIELCh	46, 53.813, 147.756
Yxy	14.9755, 0.2753, 0.5092
Android (android.graphics.Color)	4278353209 (0xFF027D39)
YUV	80.4710, -11.5712, -68.8191
Hunter-Lab	38.6982, -30.3728, 17.3833

Details

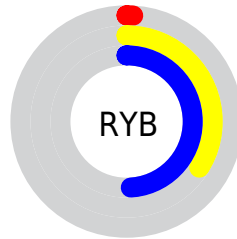
The Hex color **027D39** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D0246**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4EB36A**, and **004A0A** is the 20% darker color. If you saturate the color by 10%, you get **007D38**, and if you desaturate by 10%, it is **0E7D40**.

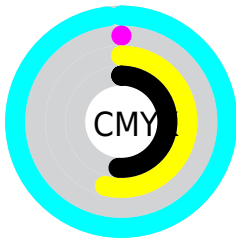
Distribution



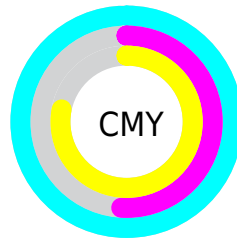
- Red (1%)
- Green (49%)
- Blue (22%)



- Red (1%)
- Yellow (34%)
- Blue (49%)



- Cyan (98%)
- Magenta (0%)
- Yellow (54%)
- Black (51%)



- Cyan (99%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 027D39 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 027D39 by changing the saturation by 10% instead.

 027D39

 027D39

FFFFFF

 006322

 4EB36A

 004A0A

 6BCF83

 003300

 87EB9E

 001C00

 A4FFB9

 000000

 C0FFD5

 DDFFF1

 FBFFFF

 027D39

 027D39

■ 007D38

■ 0E7D40

■ 1B7D47

■ 277D4E

■ 347D55

■ 417D5C

■ 4D7D62

■ 5A7D69

■ 667D70

■ 727D77

Harmonies

Analogous

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



59760E



027D39



008067

Triad

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



027D39



0072C6



BA4445

Complementary

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



027D39



7D0246

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.



B93E71



027D39



6461BC

Square

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



027D39



007CB8



9F4C9D



A6571D

Rectangle

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



027D39



008186



9F4C9D



BC4053

Sweetspot

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



027D39



72A388



487D02



345241



D1D1D1



525252

Same Dimension

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



027D39



00A349



027D75



39403C



008039



000000

Inverse Universe

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



7D0246



A3005A



7D020A



40393D



800046



000000

Previews

White Background



This preview shows how the Hex color 027D39 looks on a white background.

Color Contrast Check

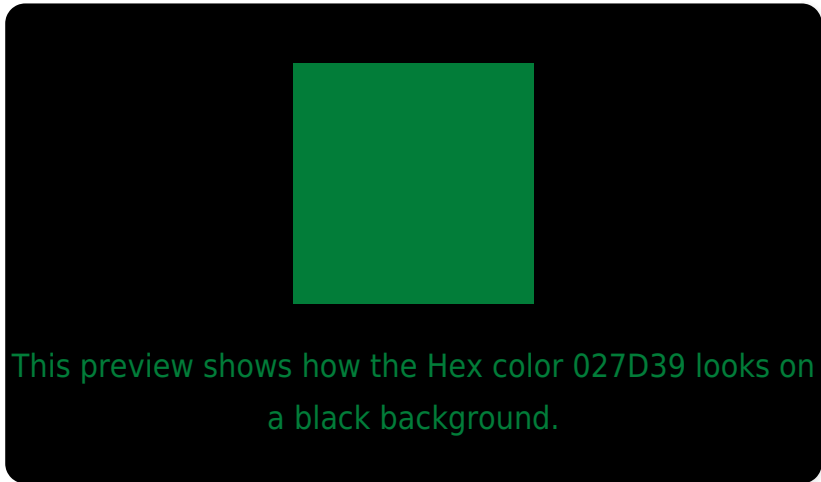
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 027D39 Background



This preview shows how black text looks on a background with the Hex color 027D39.




This preview shows how white text looks on a background with the Hex color 027D39.

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
31767F

Trichromacy



Original Color
027D39



Protanomaly
4C7235



Deuteranomaly
546F3D



Tritanomaly
207966

Monochromacy



Original Color
027D39



Achromatopsia
505050



Achromatomaly
346048

CSS Examples

Text

The CSS property to change the color of the text to Hex 027D39 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 #027D39 looks like.

```
.text, #text, p{  
    color:#027D39  
}
```

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 #027D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #027D39
}
```

Border

The CSS property to change the border of an element to Hex 027D39 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
#027D39 }
```

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

```
.border{ border-color:#027D39 }
```

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

Here you see how a box with a 4 pixel #027D39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #027D39; -webkit-box-shadow:4px 4px  
4px 4px #027D39; box-shadow:4px 4px 4px  
4px #027D39 }
```

Background

The CSS property to change the background color of an element to Hex 027D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#027D39 }
```

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

```
.background{ background-color:#027D39 }
```

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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