

Converting Colors

Hex(033127)

Have a look what the booklet for
Hex(033127) contains.

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Color

Hex(033127)

Conversions

Conversions Part 1

Format	Color
Hex	033127
RGB	3, 49, 39
RGB Percent	1%, 19%, 15%
CMY	0.9882, 0.8078, 0.8471
CMYK	0.94, 0.00, 0.20, 0.81
HSL	167°, 88%, 10%
HSV	167°, 94%, 19%
XYZ	1.5021, 2.3625, 2.2963
YIQ	34.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

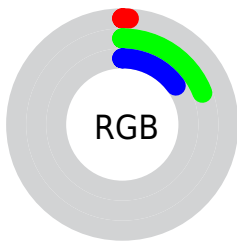
Format	Color
R_{YB}	3, 29, 49
Decimal	209191
CIE Lab	17.28, -18.00, 2.13
CIE LCh	17, 18.121, 173.247
Yxy	2.3625, 0.2438, 0.3835
Android (android.graphics.Color)	4278399271 (0xFF033127)
YUV	34.1060, 2.4127, -27.2800
Hunter-Lab	15.3703, -9.4540, 1.9014

Details

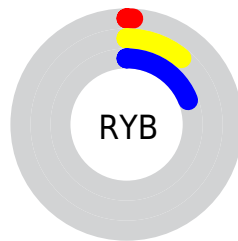
The Hex color **033127** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31030D**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **356054**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003126**, and if you desaturate by 10%, it is **083128**.

Distribution



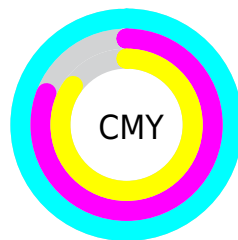
- Red (1%)
- Green (19%)
- Blue (15%)



- Red (1%)
- Yellow (11%)
- Blue (19%)



- Cyan (94%)
- Magenta (0%)
- Yellow (20%)
- Black (81%)



- Cyan (99%)
- Magenta (81%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033127 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 033127 by changing the saturation by 10% instead.

 033127

 033127

 EEEFFF

 001D12

 356054

 000000

 4D796C

 669285

 80AD9F

 9BC8BA

 B6E5D6

 D2FFF2

 033127

 033127

■ 003126

■ 083128

■ 0D3129

■ 12312A

■ 17312B

■ 1C312C

■ 20312D

■ 25312E

■ 2A3130

■ 2F3131

Harmonies

Analogous

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



19301A



033127



003134

Triad

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



033127



272842



3E2416

Complementary

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



033127



31030D

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.



432021



033127



38233A

Square

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



033127



0D2D44



41202E



352910

Rectangle

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



033127



00303C



41202E



412319

Sweetspot

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



033127



2E403C



0E3103



16211F



A1A1A1



212121

Same Dimension

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



033127



004032



032531



171A19



005946



00D9AA

Inverse Universe

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



31030D



40000E



310F03



1A1718



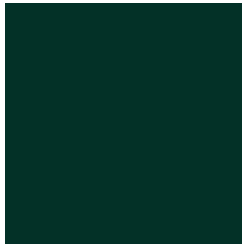
590013



D9002F

Previews

White Background



This preview shows how the Hex color 033127 looks on a white background.

Color Contrast Check

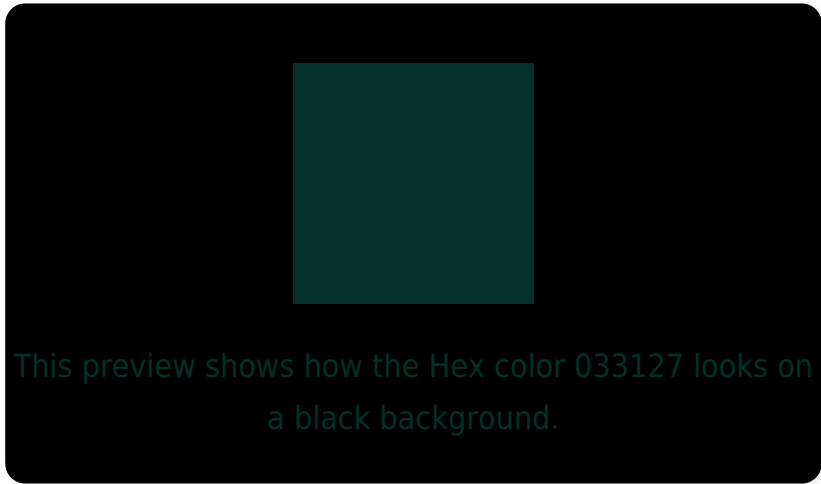
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

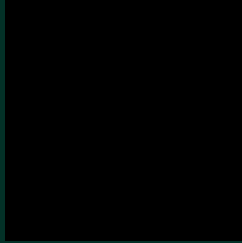
Any Text WCAG AA × Fail

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 033127 Background



This preview shows how black text looks on a background with the Hex color 033127.



This preview shows how white text looks on a background with the Hex color 033127.

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



Original Color
033127

Protanopia
2D2B24

Deuteranopia
302A29



Tritanopia
0F2F33

Trichromacy



Original Color
033127

Protanomaly
1E2D25

Deuteranomaly
202D28

Tritanomaly
0B302F

Monochromacy



Original Color
033127

Achromatopsia
222222

Achromatomaly
172724

CSS Examples

Text

The CSS property to change the color of the text to Hex 033127 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 #033127 looks like.

```
.text, #text, p{  
    color:#033127  
}
```

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 #033127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033127
}
```

Border

The CSS property to change the border of an element to Hex 033127 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
#033127 }
```

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

```
.border{ border-color:#033127 }
```

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

Here you see how a box with a 4 pixel #033127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033127; -webkit-box-shadow:4px 4px  
4px 4px #033127; box-shadow:4px 4px 4px  
4px #033127 }
```

Background

The CSS property to change the background color of an element to Hex 033127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033127 }
```

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

```
.background{ background-color:#033127 }
```

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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