

Converting Colors

Hex(003130)

Have a look what the booklet for
Hex(003130) contains.

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Color

Hex(003130)

Conversions

Conversions Part 1

Format	Color
Hex	003130
RGB	0, 49, 48
RGB Percent	0%, 19%, 19%
CMY	1.0000, 0.8078, 0.8118
CMYK	1.00, 0.00, 0.02, 0.81
HSL	179°, 100%, 10%
HSV	179°, 100%, 19%
XYZ	1.6318, 2.4100, 3.1755
YIQ	34.2350, -28.8830, -10.6990

Conversions

Conversions Part 2

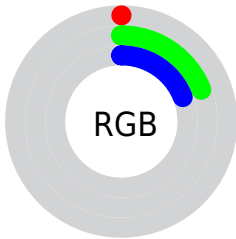
Format	Color
RYB	0, 25, 49
Decimal	12592
CIELab	17.51, -15.44, -3.79
CIELCh	18, 15.897, 193.800
Yxy	2.4100, 0.2261, 0.3339
Android (android.graphics.Color)	4278202672 (0xFF003130)
YUV	34.2350, 6.7861, -30.0241
Hunter-Lab	15.5243, -8.4046, -1.2608

Details

The Hex color **003130** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **310001**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **345F5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003130**, and if you desaturate by 10%, it is **053130**.

Distribution



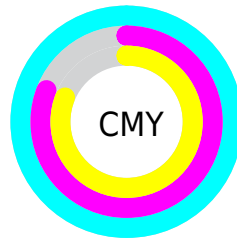
- Red (0%)
- Green (19%)
- Blue (19%)



- Red (0%)
- Yellow (10%)
- Blue (19%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (81%)



- Cyan (100%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003130 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 003130 by changing the saturation by 10% instead.

 003130

 003130

 EEEFFF

 001D1B

 345F5E

 000000

 4D7877

 669290

 80ADAB

 9AC8C6

 B6E4E2

 D2FFFF

 003130

■ 053130

■ 0A3130

■ 0F3130

■ 143130

■ 193131

■ 1D3131

■ 223131

■ 273131

■ 2C3131

Harmonies

Analogous

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



113124



003130



00303A

Triad

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



003130



33263B



382815

Complementary

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



003130



310001

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.



3F241C



003130



3D2332

Square

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



003130



232A41



412226



2D2C14

Rectangle

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



003130



052F3F



412226



3A2717

Sweetspot

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



003130



2D403F



023100



152121



A1A1A1



212121

Same Dimension

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



003130



00403E



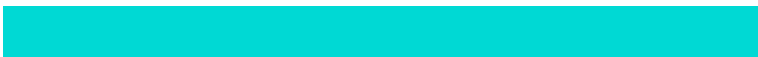
001A31



171A19



005957



00D9D4

Inverse Universe

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



310001



400001



311700



1A1717



590002



D90004

Previews

White Background



This preview shows how the Hex color 003130 looks on a white background.

Color Contrast Check

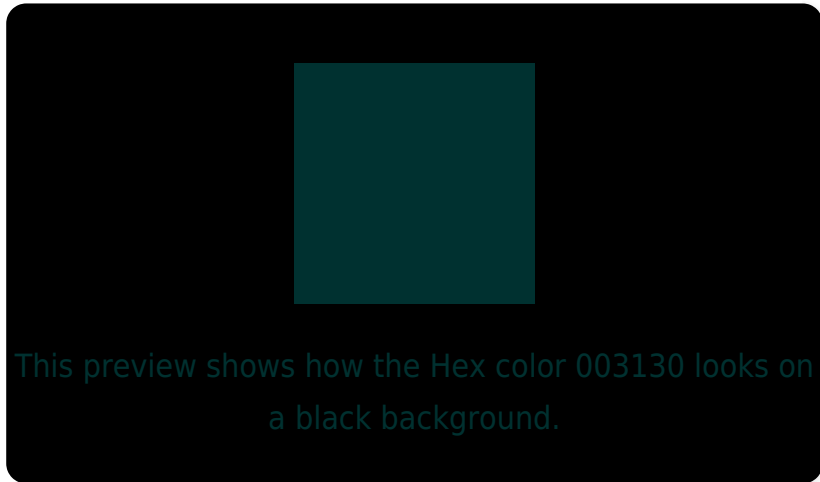
Large Text (above 18pt) WCAG AA ✓ Pass

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

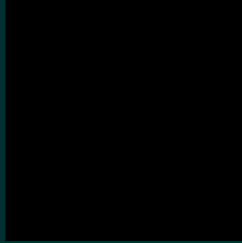
Any Text WCAG AA × Fail

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 003130 Background



This preview shows how black text looks on a background with the Hex color 003130.



This preview shows how white text looks on a background with the Hex color 003130.

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

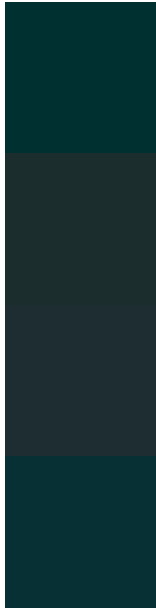


Original Color
003130

Protanopia
2C2B2D

Deuteranopia
2D2B31

Trichromacy



Original Color
003130

Protanomaly
1C2D2E

Deuteranomaly
1D2D31

Tritanomaly
063033

Monochromacy



Original Color
003130

Achromatopsia
222222

Achromatomaly
162727

CSS Examples

Text

The CSS property to change the color of the text to Hex 003130 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 #003130 looks like.

```
.text, #text, p{  
    color:#003130  
}
```

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 #003130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003130
}
```

Border

The CSS property to change the border of an element to Hex 003130 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
#003130 }
```

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

```
.border{ border-color:#003130 }
```

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

Here you see how a box with a 4 pixel #003130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003130; -webkit-box-shadow:4px 4px  
4px 4px #003130; box-shadow:4px 4px 4px  
4px #003130 }
```

Background

The CSS property to change the background color of an element to Hex 003130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003130 }
```

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

```
.background{ background-color:#003130 }
```

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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