

Converting Colors

Hex(003133)

Have a look what the booklet for
Hex(003133) contains.

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Color

Hex(003133)

Conversions

Conversions Part 1

Format	Color
Hex	003133
RGB	0, 49, 51
RGB Percent	0%, 19%, 20%
CMY	1.0000, 0.8078, 0.8000
CMYK	1.00, 0.04, 0.00, 0.80
HSL	182°, 100%, 10%
HSV	182°, 100%, 20%
XYZ	1.6959, 2.4356, 3.5127
YIQ	34.5770, -29.8460, -9.7660

Conversions

Conversions Part 2

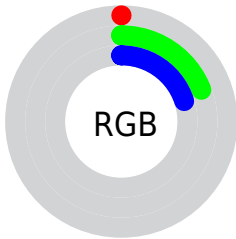
Format	Color
RYB	0, 25, 51
Decimal	12595
CIELab	17.63, -14.28, -5.69
CIELCh	18, 15.376, 201.737
Yxy	2.4356, 0.2218, 0.3186
Android (android.graphics.Color)	4278202675 (0xFF003133)
YUV	34.5770, 8.0965, -30.3240
Hunter-Lab	15.6065, -7.9151, -2.4204

Details

The Hex color **003133** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **330200**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **355F61**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **003133**, and if you desaturate by 10%, it is **053133**.

Distribution



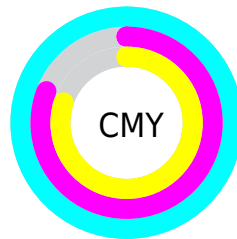
- Red (0%)
- Green (19%)
- Blue (20%)



- Red (0%)
- Yellow (10%)
- Blue (20%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003133 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 003133 by changing the saturation by 10% instead.

 003133

 003133

 EFFFFFF

 001D1E

 355F61

 000004

 4D787A

 000000

 679294

 81ADAE

 9BC8CA

 B7E4E6

 D3FFFF

 003133

■ 053133

■ 0A3133

■ 0F3233

■ 143233

■ 1A3233

■ 1F3233

■ 243233

■ 293333

■ 2E3333

Harmonies

Analogous

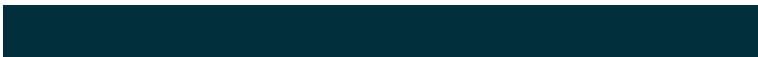
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0E3128



003133



01303C

Triad

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



003133



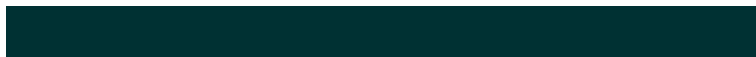
362539



352915

Complementary

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



003133



330200

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.



3D261A



003133



3F232F

Square

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



003133



282940



412324



2A2D16

Rectangle

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



003133



0E2E40



412324



382816

Sweetspot

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



003133



2E4242



003302



152121



A1A1A1



212121

Same Dimension

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



003133



004042



001833



17191A



005659



00D0D9

Inverse Universe

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



330031



420040



331B00



1A1719



590056



D900D0

Previews

White Background



This preview shows how the Hex color 003133 looks on a white background.

Color Contrast Check

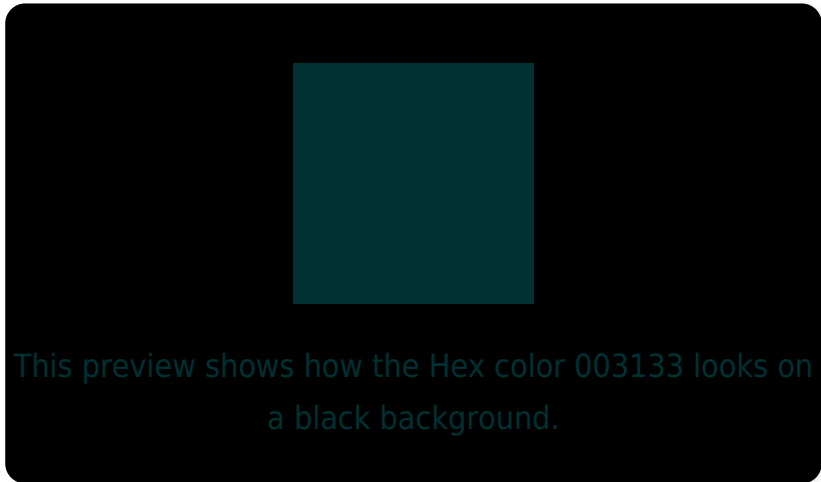
Large Text (above 18pt) WCAG AA ✓ Pass

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

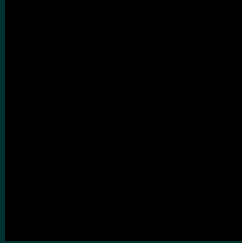
Any Text WCAG AA × Fail

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 003133 Background



This preview shows how black text looks on a background with the Hex color 003133.



This preview shows how white text looks on a background with the Hex color 003133.

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
003133

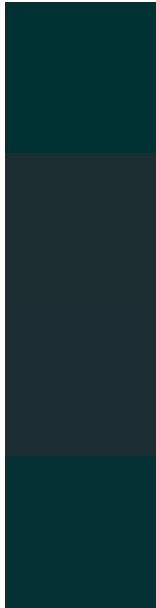
Protanopia
2C2C30

Deuteranopia
2C2B34



Tritanopia
073135

Trichromacy



Original Color
003133

Protanomaly
1C2E31

Deuteranomaly
1C2D34

Tritanomaly
043134

Monochromacy



Original Color
003133

Achromatopsia
232323

Achromatomaly
162829

CSS Examples

Text

The CSS property to change the color of the text to Hex 003133 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 #003133 looks like.

```
.text, #text, p{  
    color:#003133  
}
```

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 #003133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003133
}
```

Border

The CSS property to change the border of an element to Hex 003133 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
#003133 }
```

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

```
.border{ border-color:#003133 }
```

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

Here you see how a box with a 4 pixel #003133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003133; -webkit-box-shadow:4px 4px  
4px 4px #003133; box-shadow:4px 4px 4px  
4px #003133 }
```

Background

The CSS property to change the background color of an element to Hex 003133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003133 }
```

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

```
.background{ background-color:#003133 }
```

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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