

Converting Colors

Hex(00322E)

Have a look what the booklet for
Hex(00322E) contains.

Hex(00322E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00322E)

Conversions

Conversions Part 1

Format	Color
Hex	00322E
RGB	0, 50, 46
RGB Percent	0%, 20%, 18%
CMY	1.0000, 0.8039, 0.8196
CMYK	1.00, 0.00, 0.08, 0.80
HSL	175°, 100%, 10%
HSV	175°, 100%, 20%
XYZ	1.6337, 2.4785, 2.9771
YIQ	34.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

Format	Color
RYB	0, 26, 50
Decimal	12846
CIELab	17.82, -16.74, -1.94
CIELCh	18, 16.854, 186.610
Yxy	2.4785, 0.2305, 0.3496
Android (android.graphics.Color)	4278202926 (0xFF00322E)
YUV	34.5940, 5.6232, -30.3389
Hunter-Lab	15.7431, -9.0266, -0.1916

Details

The Hex color **00322E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **320004**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **34615C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00322E**, and if you desaturate by 10%, it is **05322E**.

Distribution



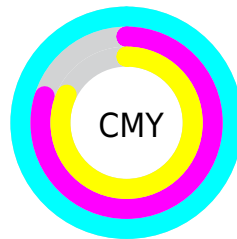
- Red (0%)
- Green (20%)
- Blue (18%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00322E 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 00322E by changing the saturation by 10% instead.

 00322E

 00322E

 EEEFFF

 001E19

 34615C

 000000

 4D7A74

 66938E

 80AEA8

 9ACAC3

 B6E6DF

 D2FFFC

 00322E

■ 05322E

■ 0A322F

■ 0F322F

■ 143230

■ 193230

■ 1E3230

■ 233231

■ 283231

■ 2D3232

Harmonies

Analogous

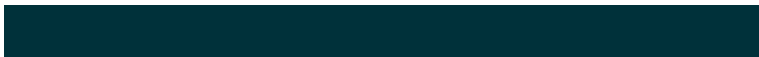
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



143122



00322E



00313A

Triad

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



00322E



30273F



3B2815

Complementary

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



00322E



320004

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.



42241E



00322E



3D2335

Square

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



00322E



1E2C44



432229



312C13

Rectangle

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



00322E



003040



432229



3E2618

Sweetspot

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



00322E



2D403E



043200



152120



A1A1A1



212121

Same Dimension

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



00322E



00403B



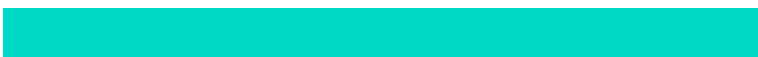
001D32



171A19



005952



00D9C7

Inverse Universe

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



320004



400005



321500



1A1717



590007



D90011

Previews

White Background



This preview shows how the Hex color 00322E looks on a white background.

Color Contrast Check

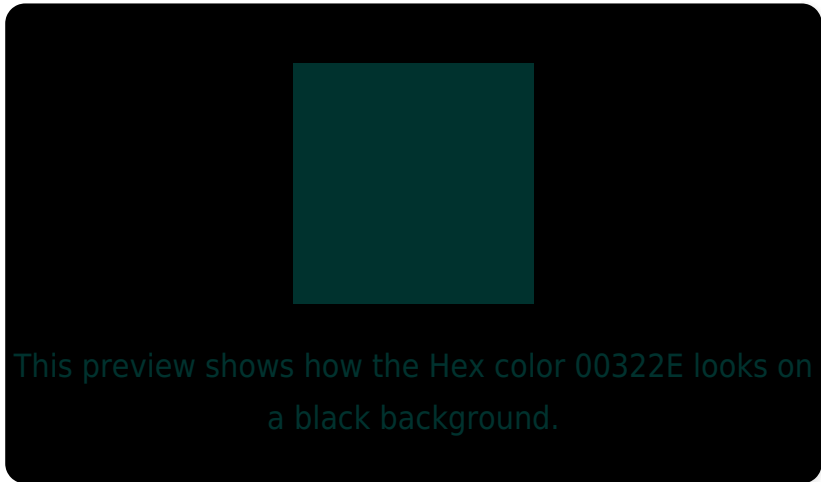
Large Text (above 18pt) WCAG AA ✓ Pass

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

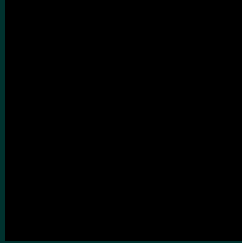
Any Text WCAG AA × Fail

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 00322E Background



This preview shows how black text looks on a background with the Hex color 00322E.



This preview shows how white text looks on a background with the Hex color 00322E.

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

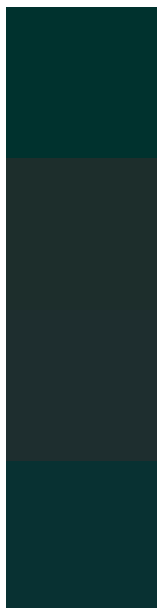


Original Color
00322E

Protanopia
2D2C2B

Deuteranopia
2F2B30

Trichromacy



Original Color
00322E

Protanomaly
1D2E2C

Deuteranomaly
1E2E2F

Tritanomaly
083132

Monochromacy



Original Color
00322E

Achromatopsia
232323

Achromatomaly
162827

CSS Examples

Text

The CSS property to change the color of the text to Hex 00322E 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 #00322E looks like.

```
.text, #text, p{  
    color:#00322E  
}
```

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 #00322E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00322E
}
```

Border

The CSS property to change the border of an element to Hex 00322E 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".

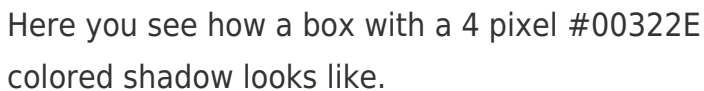
```
.border, #border, table{ border:4px solid
#00322E }
```

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

```
.border{ border-color:#00322E }
```

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

Here you see how a box with a 4 pixel #00322E colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00322E; -webkit-box-shadow:4px 4px  
4px 4px #00322E; box-shadow:4px 4px 4px  
4px #00322E }
```

Background

The CSS property to change the background color of an element to Hex 00322E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00322E }
```

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

```
.background{ background-color:#00322E }
```

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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