

Converting Colors

Hex(00322F)

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

Hex(00322F)	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(00322F)

Conversions

Conversions Part 1

Format	Color
Hex	00322F
RGB	0, 50, 47
RGB Percent	0%, 20%, 18%
CMY	1.0000, 0.8039, 0.8157
CMYK	1.00, 0.00, 0.06, 0.80
HSL	176°, 100%, 10%
HSV	176°, 100%, 20%
XYZ	1.6537, 2.4864, 3.0821
YIQ	34.7080, -28.8370, -11.5330

Conversions

Conversions Part 2

Format	Color
RYB	0, 26, 50
Decimal	12847
CIELab	17.86, -16.37, -2.58
CIELCh	18, 16.576, 188.948
Yxy	2.4864, 0.2290, 0.3443
Android (android.graphics.Color)	4278202927 (0xFF00322F)
YUV	34.7080, 6.0600, -30.4389
Hunter-Lab	15.7685, -8.8749, -0.5509

Details

The Hex color **00322F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **320003**, and the grayscale version is **232323**.

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

Distribution



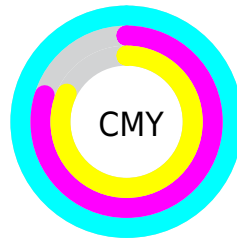
- Red (0%)
- Green (20%)
- Blue (18%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (80%)



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

Brightness & Saturation Gradients

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

 00322F

 00322F

 EEEFFF

 001E1A

 34615D

 000000

 4D7A75

 66938F

 80AEA9

 9BCAC5

 B6E6E1

 D2FFFD

 00322F

■ 05322F

■ 0A3230

■ 0F3230

■ 143230

■ 193231

■ 1E3231

■ 233231

■ 283231

■ 2D3232

Harmonies

Analogous

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



133123



00322F



00313A

Triad

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



00322F



32273E



3A2816

Complementary

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



00322F



320003

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.



41241D



00322F



3D2335

Square

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



00322F



202C43



432229



302C14

Rectangle

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



00322F



003040



432229



3D2718

Sweetspot

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



00322F



2D403F



033200



152120



A1A1A1



212121

Same Dimension

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



00322F



00403C



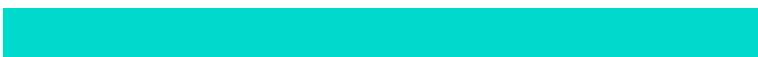
001C32



171A19



005954



00D9CC

Inverse Universe

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



320003



400004



321600



1A1717



590005



D9000D

Previews

White Background



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

Color Contrast Check

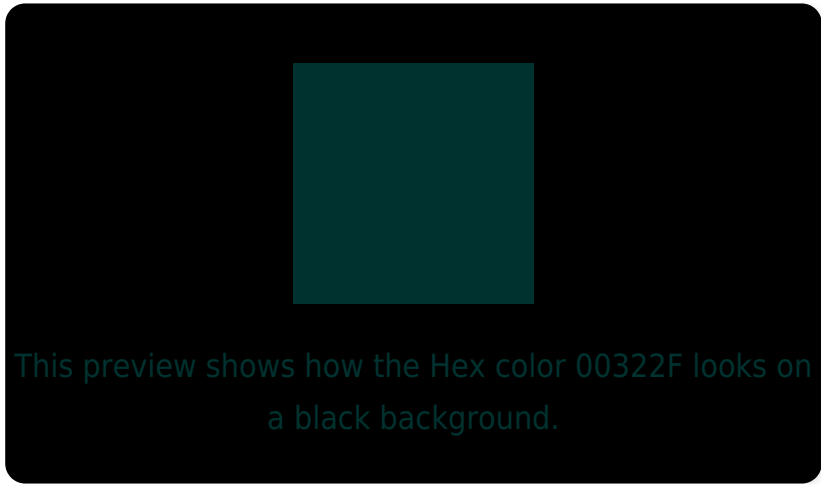
Large Text (above 18pt) WCAG AA ✓ Pass

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

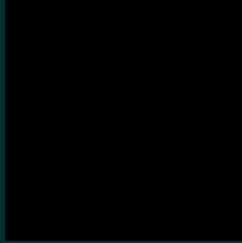
Any Text WCAG AA × Fail

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 00322F Background



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



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

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
00322F

Protanopia
2D2C2C

Deuteranopia
2F2B31

Trichromacy



Original Color
00322F

Protanomaly
1D2E2D

Deuteranomaly
1E2E30

Tritanomaly
073133

Monochromacy



Original Color
00322F

Achromatopsia
232323

Achromatomaly
162827

CSS Examples

Text

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

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

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 #00322F colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 00322F 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
#00322F }
```

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor