

# Converting Colors

Hex(03322F)

Have a look what the booklet for  
Hex(03322F) contains.

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# Color

Hex(03322F)

# Conversions

## Conversions Part 1

Format	Color
Hex	03322F
RGB	3, 50, 47
RGB Percent	1%, 20%, 18%
CMY	0.9882, 0.8039, 0.8157
CMYK	0.94, 0.00, 0.06, 0.80
HSL	176°, 89%, 10%
HSV	176°, 94%, 20%
XYZ	1.6912, 2.5058, 3.0839
YIQ	35.6050, -27.0490, -10.8970

# Conversions

## Conversions Part 2

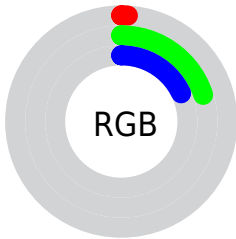
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	3, 27, 50
Decimal	209455
CIE Lab	17.94, -15.78, -2.44
CIE LCh	18, 15.966, 188.785
Yxy	2.5058, 0.2323, 0.3442
Android (android.graphics.Color)	4278399535 (0xFF03322F)
YUV	35.6050, 5.6177, -28.5946
Hunter-Lab	15.8297, -8.6311, -0.4697

# Details

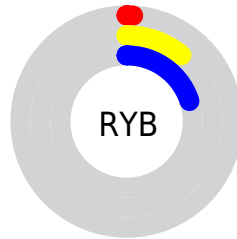
The Hex color **03322F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **320306**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **36615D**, 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 **08322F**.

# Distribution



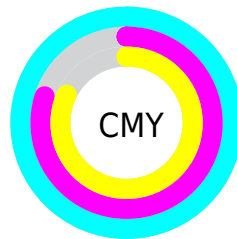
- Red (1%)
- Green (20%)
- Blue (18%)



- Red (1%)
- Yellow (11%)
- Blue (20%)



- Cyan (94%)
- Magenta (0%)
- Yellow (6%)
- Black (80%)



- Cyan (99%)
- Magenta (80%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03322F 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 03322F by changing the saturation by 10% instead.



 03322F

 03322F

 F0FFFF

 001D1A

 36615D

 000000

 4F7A75

 68938F

 82AEA9

 9CC9C5

 B8E6E1

 D4FFFD

 03322F

 03322F

■ 00322F

■ 08322F

■ 0D3230

■ 123230

■ 173230

■ 1C3231

■ 213231

■ 263231

■ 2B3232

■ 303232

# Harmonies

## Analogous

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



153123



03322F



00313A

# Triad

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



03322F



32283E



3A2817

# Complementary

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



03322F



320306

# 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.



41251E



03322F



3D2434

# Square

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



03322F



202C43



422329



302C15

# Rectangle

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



03322F



03303F



422329



3D2719



# Sweetspot

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



03322F



2E403F



063203



162120



A1A1A1



212121



# Same Dimension

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



03322F



00403C



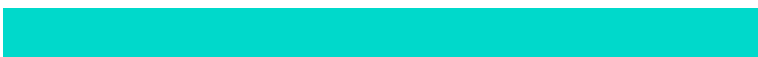
031E32



171A19



005954



00D9CB



# Inverse Universe

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



320306



400004



321703



1A1717



590006



D9000E



# Previews

## White Background



This preview shows how the Hex color 03322F looks on a white background.

## Color Contrast Check

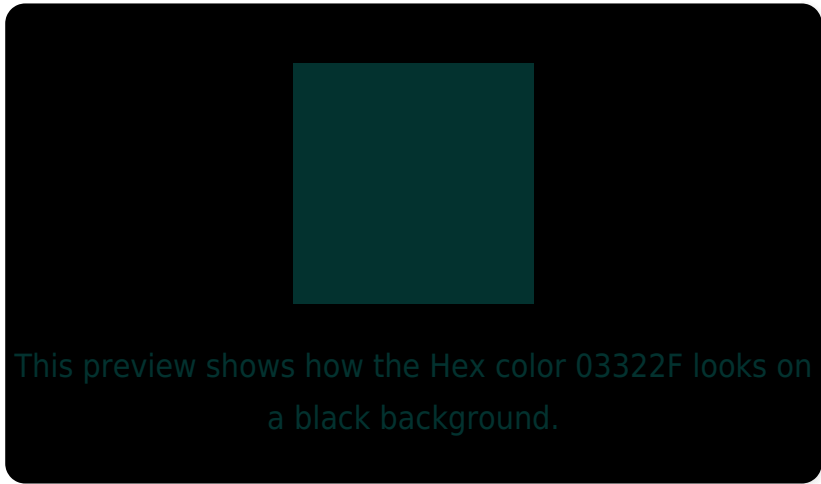
Large Text (above 18pt) WCAG AA ✓ Pass

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

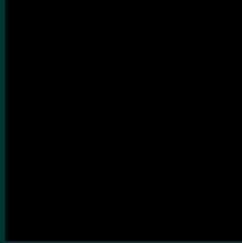
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 03322F Background



This preview shows how black text looks on a background with the Hex color 03322F.



This preview shows how white text looks on a background with the Hex color 03322F.

# 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**  
03322F

**Protanopia**  
2D2C2C

**Deuteranopia**  
2F2B31



# Trichromacy



**Original Color**  
03322F

**Protanomaly**  
1E2E2D

**Deuteranomaly**  
1F2E30

**Tritanomaly**  
093133

# Monochromacy



**Original Color**  
03322F

**Achromatopsia**  
242424

**Achromatomaly**  
182928

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03322F 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 #03322F looks like.

```
.text, #text, p{  
    color:#03322F  
}
```

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 #03322F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03322F
}
```

## Border

The CSS property to change the border of an element to Hex 03322F is called "border". The border property can be set on classes, ids or directly on the HTML element.

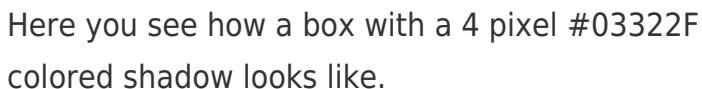
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#03322F }
```

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

```
.border{ border-color:#03322F }
```

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



Here you see how a box with a 4 pixel #03322F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03322F; -webkit-box-shadow:4px 4px  
4px 4px #03322F; box-shadow:4px 4px 4px  
4px #03322F }
```

# Background

The CSS property to change the background color of an element to Hex 03322F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03322F }
```

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

```
.background{ background-color:#03322F }
```

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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