

# Converting Colors

Hex(05332D)

Have a look what the booklet for  
Hex(05332D) contains.

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# Color

**Hex(05332D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05332D
RGB	5, 51, 45
RGB Percent	2%, 20%, 18%
CMY	0.9804, 0.8000, 0.8235
CMYK	0.90, 0.00, 0.12, 0.80
HSL	172°, 82%, 11%
HSV	172°, 90%, 20%
XYZ	1.7201, 2.5894, 2.8918
YIQ	36.5620, -25.4900, -11.6180

# Conversions

## Conversions Part 2

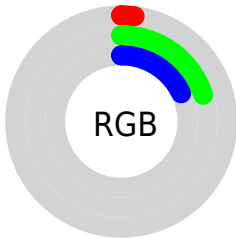
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 30, 51
Decimal	340781
CIELab	18.32, -16.65, -0.50
CIELCh	18, 16.658, 181.727
Yxy	2.5894, 0.2389, 0.3596
Android (android.graphics.Color)	4278530861 (0xFF05332D)
YUV	36.5620, 4.1599, -27.6799
Hunter-Lab	16.0915, -9.0799, 0.6092

# Details

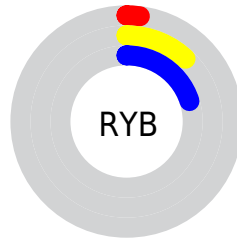
The Hex color **05332D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33050B**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **38625B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00332C**, and if you desaturate by 10%, it is **0A332E**.

# Distribution



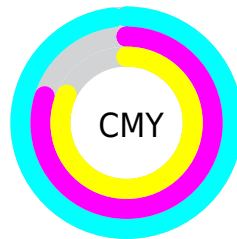
- Red (2%)
- Green (20%)
- Blue (18%)



- Red (2%)
- Yellow (12%)
- Blue (20%)



- Cyan (90%)
- Magenta (0%)
- Yellow (12%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05332D 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 05332D by changing the saturation by 10% instead.



 05332D

 05332D

 F1FFFF

 001E18

 38625B

 000000

 507B73

 69958D

 83AFA7

 9ECBC2

 B9E7DE

 D5FFFB

 05332D

 05332D

■ 00332C

■ 0A332E

■ 0F332E

■ 14332F

■ 193330

■ 1E3330

■ 243331

■ 293332

■ 2E3332

■ 333333

# Harmonies

## Analogous

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



183221



05332D



003339

# Triad

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



05332D



2F2941



3E2818

# Complementary

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



05332D



33050B

# 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.



432421



05332D



3C2538

# Square

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



05332D



1B2E45



43232C



342C14

# Rectangle

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



05332D



00323F



43232C



40271A



# Sweetspot

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



05332D



304240



0B3305



172120



A1A1A1



212121



# Same Dimension

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



05332D



00423A



052233



171A19



00594E



00D9BC



# Inverse Universe

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



33050B



420009



331605



1A1717



59000C

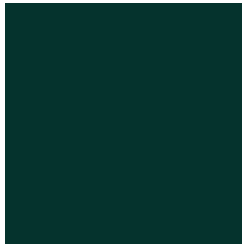


D9001C



# Previews

## White Background



This preview shows how the Hex color 05332D looks on a white background.

## Color Contrast Check

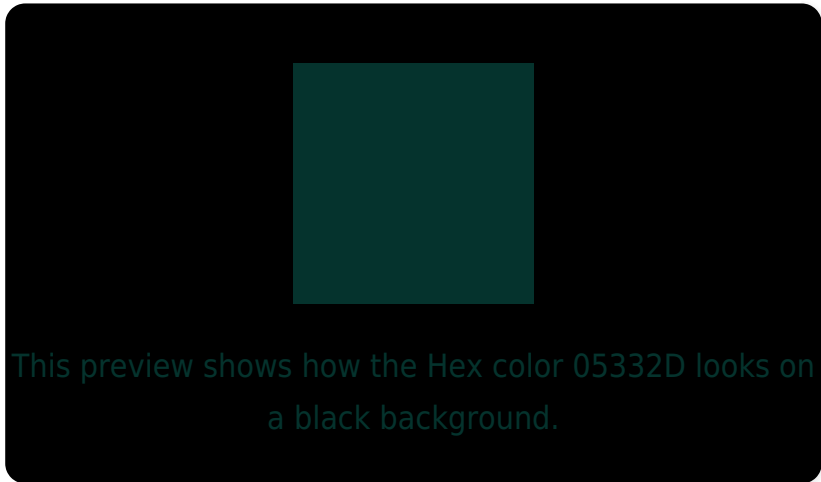
Large Text (above 18pt) WCAG AA ✓ Pass

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

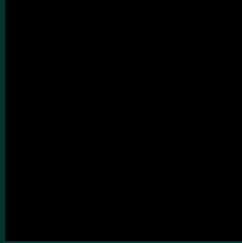
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 05332D Background



This preview shows how black text looks on a background with the Hex color 05332D.



This preview shows how white text looks on a background with the Hex color 05332D.

# 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](#).

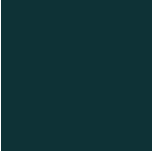
## Dichromacy



**Original Color**  
05332D

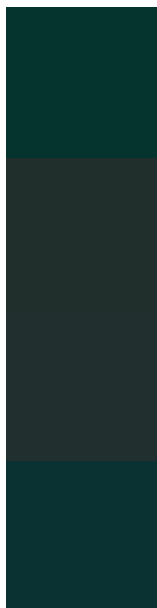
**Protanopia**  
2F2D2A

**Deuteranopia**  
312C2F



**Tritanopia**  
0E3236

# Trichromacy



**Original Color**  
05332D

**Protanomaly**  
202F2B

**Deuteranomaly**  
212F2E

**Tritanomaly**  
0B3233

# Monochromacy



**Original Color**  
05332D

**Achromatopsia**  
252525

**Achromatomaly**  
192A28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05332D 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 #05332D looks like.

```
.text, #text, p{  
    color:#05332D  
}
```

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 #05332D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05332D
}
```

## Border

The CSS property to change the border of an element to Hex 05332D 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
#05332D }
```

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

```
.border{ border-color:#05332D }
```

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

Here you see how a box with a 4 pixel #05332D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05332D; -webkit-box-shadow:4px 4px  
4px 4px #05332D; box-shadow:4px 4px 4px  
4px #05332D }
```

# Background

The CSS property to change the background color of an element to Hex 05332D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05332D }
```

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

```
.background{ background-color:#05332D }
```

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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