

Converting Colors

Hex(00292B)

Have a look what the booklet for
Hex(00292B) contains.

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Color

Hex(00292B)

Conversions

Conversions Part 1

Format	Color
Hex	00292B
RGB	0, 41, 43
RGB Percent	0%, 16%, 17%
CMY	1.0000, 0.8392, 0.8314
CMYK	1.00, 0.05, 0.00, 0.83
HSL	183°, 100%, 8%
HSV	183°, 100%, 17%
XYZ	1.2290, 1.7603, 2.5605
YIQ	28.9690, -25.0780, -8.0700

Conversions

Conversions Part 2

Format	Color
RYB	0, 21, 43
Decimal	10539
CIELab	14.18, -12.71, -5.27
CIELCh	14, 13.761, 202.532
Yxy	1.7603, 0.2214, 0.3172
Android (android.graphics.Color)	4278200619 (0xFF00292B)
YUV	28.9690, 6.9173, -25.4058
Hunter-Lab	13.2676, -6.6838, -2.1550

Details

The Hex color **00292B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2B0200**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **315658**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00292B**, and if you desaturate by 10%, it is **04292B**.

Distribution



- Red (0%)
- Green (16%)
- Blue (17%)



- Red (0%)
- Yellow (8%)
- Blue (17%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (83%)



- Cyan (100%)
- Magenta (84%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00292B 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 00292B by changing the saturation by 10% instead.

 00292B

 00292B

 E9FFFF

 001617

 315658

 000000

 496F71

 62888A

 7CA3A4

 96BEC0

 B1DADB

 CDF6F8

 00292B

■ 04292B

■ 09292B

■ 0D2A2B

■ 112A2B

■ 162A2B

■ 1A2A2B

■ 1E2A2B

■ 222B2B

■ 272B2B

Harmonies

Analogous

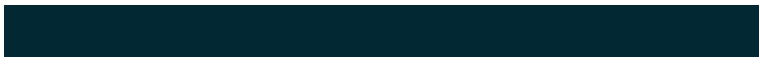
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0B2921



00292B



012833

Triad

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



00292B



2E1F30



2C2310

Complementary

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



00292B



2B0200

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.



331F15



00292B



351D27

Square

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



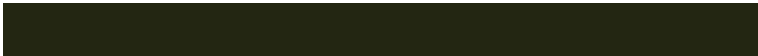
00292B



222236



371D1D



232612

Rectangle

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



00292B



0B2736



371D1D



2F2111

Sweetspot

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



00292B



273738



002B01



121C1C



9C9C9C



1C1C1C

Same Dimension

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



00292B



003538



00142B



121414



005054



00CAD4

Inverse Universe

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



2B0029



380035



2B1700



141214



540050



D400CA

Previews

White Background



This preview shows how the Hex color 00292B looks on a white background.

Color Contrast Check

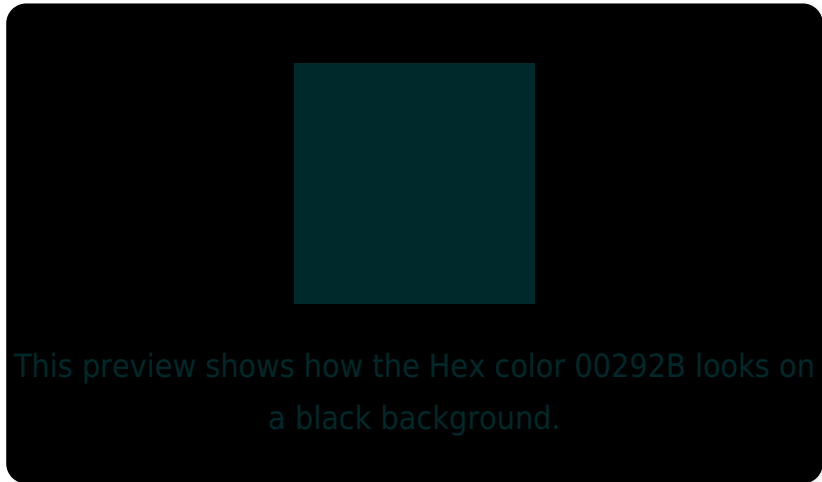
Large Text (above 18pt) WCAG AA ✓ Pass

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

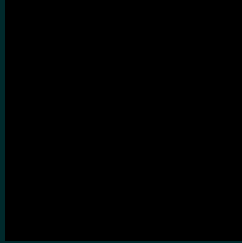
Any Text WCAG AA × Fail

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 00292B Background



This preview shows how black text looks on a background with the Hex color 00292B.



This preview shows how white text looks on a background with the Hex color 00292B.

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
00292B

Protanopia
242428

Deuteranopia
25242C



Tritanopia
05292C

Trichromacy



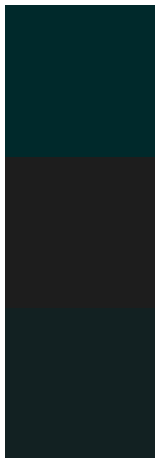
Original Color
00292B

Protanomaly
172629

Deuteranomaly
18262C

Tritanomaly
03292C

Monochromacy



Original Color
00292B

Achromatopsia
1D1D1D

Achromatomaly
122122

CSS Examples

Text

The CSS property to change the color of the text to Hex 00292B 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 #00292B looks like.

```
.text, #text, p{  
    color:#00292B  
}
```

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 #00292B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00292B
}
```

Border

The CSS property to change the border of an element to Hex 00292B is called "border". The border property can be set on classes, ids or directly on the HTML element.

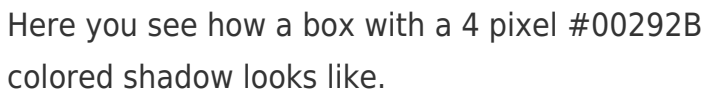
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00292B }
```

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

```
.border{ border-color:#00292B }
```

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



Here you see how a box with a 4 pixel #00292B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00292B; -webkit-box-shadow:4px 4px  
4px 4px #00292B; box-shadow:4px 4px 4px  
4px #00292B }
```

Background

The CSS property to change the background color of an element to Hex 00292B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00292B }
```

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

```
.background{ background-color:#00292B }
```

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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