

Converting Colors

Hex(00282E)

Have a look what the booklet for
Hex(00282E) contains.

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Color

Hex(00282E)

Conversions

Conversions Part 1

Format	Color
Hex	00282E
RGB	0, 40, 46
RGB Percent	0%, 16%, 18%
CMY	1.0000, 0.8431, 0.8196
CMYK	1.00, 0.13, 0.00, 0.82
HSL	188°, 100%, 9%
HSV	188°, 100%, 18%
XYZ	1.2519, 1.7148, 2.8498
YIQ	28.7240, -25.7660, -6.6140

Conversions

Conversions Part 2

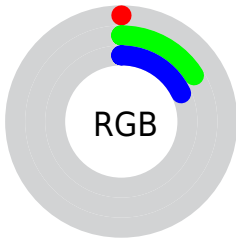
Format	Color
RYB	0, 21, 46
Decimal	10286
CIELab	13.91, -10.85, -7.81
CIELCh	14, 13.370, 215.721
Yxy	1.7148, 0.2152, 0.2948
Android (android.graphics.Color)	4278200366 (0xFF00282E)
YUV	28.7240, 8.5171, -25.1909
Hunter-Lab	13.0952, -5.8515, -3.7361

Details

The Hex color **00282E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E0600**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **32555C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00282E**, and if you desaturate by 10%, it is **05292E**.

Distribution



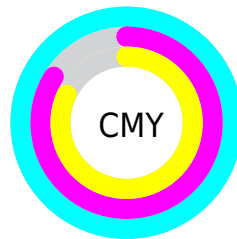
- Red (0%)
- Green (16%)
- Blue (18%)



- Red (0%)
- Yellow (8%)
- Blue (18%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (84%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00282E 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 00282E by changing the saturation by 10% instead.

 00282E

 00282E

 EAEFFF

 001419

 32555C

 000000

 4A6E74

 63878E

 7CA1A8

 97BCC3

 B2D8DF

 CEF4FC

 00282E

■ 05292E

■ 09292E

■ 0E2A2E

■ 122A2E

■ 172B2E

■ 1C2C2E

■ 202C2E

■ 252D2E

■ 292D2E

Harmonies

Analogous

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



062825



00282E



082634

Triad

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



00282E



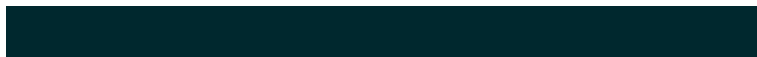
311D2B



282310

Complementary

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



00282E



2E0600

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.



302012



00282E



351C22

Square

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



00282E



272033



351D19



1E2614

Rectangle

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



00282E



132536



351D19



2B2210

Sweetspot

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



00282E



29383B



002E05



141D1F



9E9E9E



1F1F1F

Same Dimension

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



00282E



00333B



00122E



151717



004B57



00BAD6

Inverse Universe

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



2E0028



3B0033



2E1C00



171517



57004B



D600BA

Previews

White Background



This preview shows how the Hex color 00282E looks on a white background.

Color Contrast Check

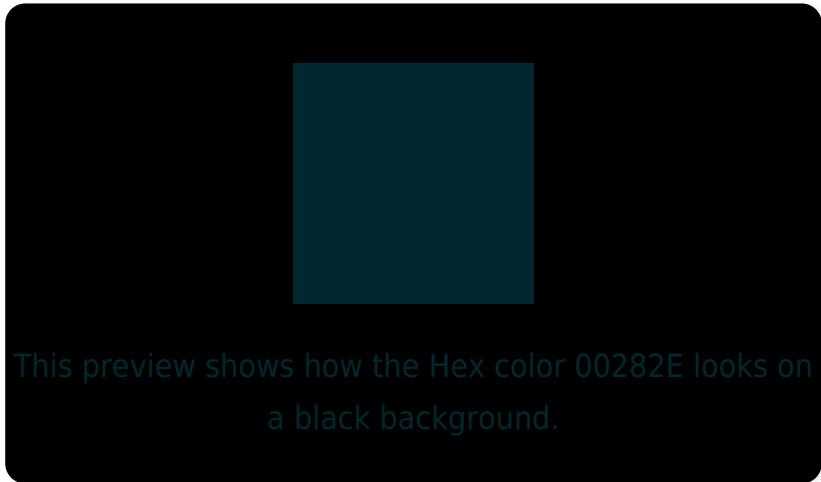
Large Text (above 18pt) WCAG AA ✓ Pass

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

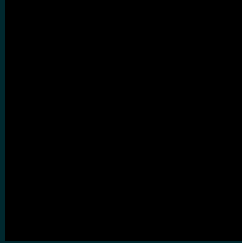
Any Text WCAG AA × Fail

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 00282E Background



This preview shows how black text looks on a background with the Hex color 00282E.



This preview shows how white text looks on a background with the Hex color 00282E.

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
00282E

Protanopia
23242B

Deuteranopia
22242F

Trichromacy



Original Color
00282E

Protanomaly
16252C

Deuteranomaly
16252F

Tritanomaly
00282D

Monochromacy



Original Color
00282E

Achromatopsia
1D1D1D

Achromatomaly
122123

CSS Examples

Text

The CSS property to change the color of the text to Hex 00282E 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 #00282E looks like.

```
.text, #text, p{  
    color:#00282E  
}
```

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 #00282E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00282E
}
```

Border

The CSS property to change the border of an element to Hex 00282E 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".

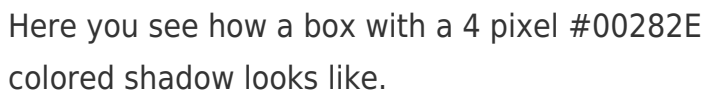
```
.border, #border, table{ border:4px solid
#00282E }
```

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

```
.border{ border-color:#00282E }
```

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

Here you see how a box with a 4 pixel #00282E colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00282E; -webkit-box-shadow:4px 4px  
4px 4px #00282E; box-shadow:4px 4px 4px  
4px #00282E }
```

Background

The CSS property to change the background color of an element to Hex 00282E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00282E }
```

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

```
.background{ background-color:#00282E }
```

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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