

Converting Colors

Hex(00222D)

Have a look what the booklet for
Hex(00222D) contains.

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Color

Hex(00222D)

Conversions

Conversions Part 1

Format	Color
Hex	00222D
RGB	0, 34, 45
RGB Percent	0%, 13%, 18%
CMY	1.0000, 0.8667, 0.8235
CMYK	1.00, 0.24, 0.00, 0.82
HSL	195°, 100%, 9%
HSV	195°, 100%, 18%
XYZ	1.0457, 1.3335, 2.6849
YIQ	25.0880, -23.7950, -3.7870

Conversions

Conversions Part 2

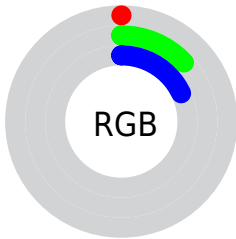
Format	Color
RYB	0, 19, 45
Decimal	8749
CIELab	11.51, -7.36, -10.79
CIELCh	12, 13.060, 235.677
Yxy	1.3335, 0.2065, 0.2633
Android (android.graphics.Color)	4278198829 (0xFF00222D)
YUV	25.0880, 9.8166, -22.0022
Hunter-Lab	11.5478, -4.0450, -5.7017

Details

The Hex color **00222D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0B00**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **304E5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00222D**, and if you desaturate by 10%, it is **04232D**.

Distribution



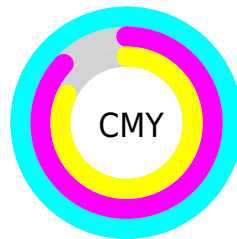
- Red (0%)
- Green (13%)
- Blue (18%)



- Red (0%)
- Yellow (7%)
- Blue (18%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00222D 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 00222D by changing the saturation by 10% instead.

■ 00222D

■ 00222D

■ E8FFFF

■ 000C19

■ 304E5B

■ 000000

■ 486673

■ 617F8D

■ 7B99A7

■ 95B4C2

■ B0D0DE

■ CCECFB

■ 00222D

■ 04232D

■ 09242D

■ 0E252D

■ 12262D

■ 17282D

■ 1B292D

■ 202A2D

■ 242B2D

■ 292C2D

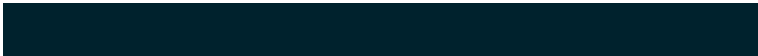
Harmonies

Analogous

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



002326



00222D



0E2030

Triad

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



00222D



2F1820



1D200D

Complementary

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



00222D



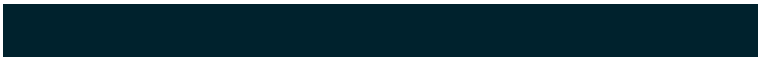
2D0B00

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.



261D0A



00222D



301817

Square

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



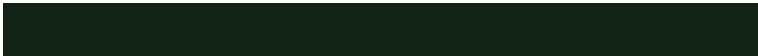
00222D



281929



2C1A0F



122214

Rectangle

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



00222D



191E30



2C1A0F



201F0B

Sweetspot

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



00222D



29363B



002D0B



141C1F



9E9E9E



1F1F1F

Same Dimension

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



00222D



002C3B



000C2D



151617



004257



00A2D6

Inverse Universe

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



2D0022



3B002C



2D2100



171516



570042



D600A2

Previews

White Background



This preview shows how the Hex color 00222D looks on a white background.

Color Contrast Check

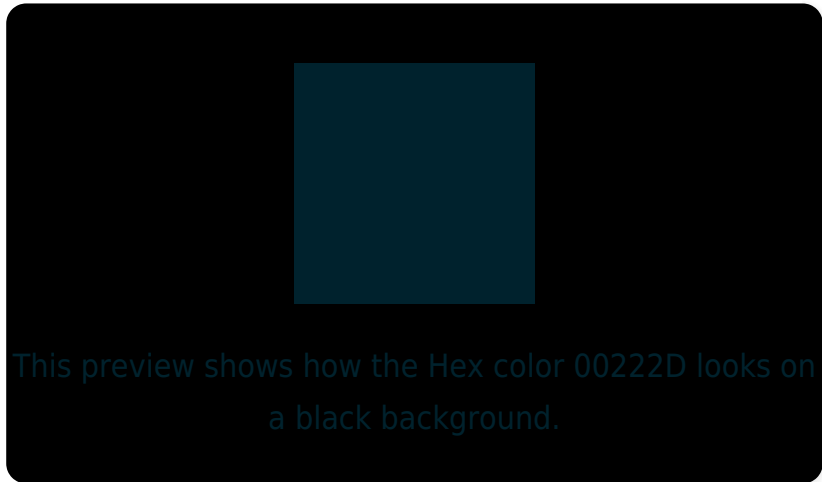
Large Text (above 18pt) WCAG AA ✓ Pass

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

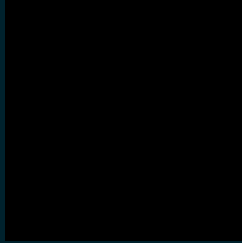
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

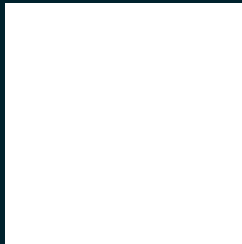
Any Text WCAG AAA × Fail

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

Hex 00222D Background



This preview shows how black text looks on a background with the Hex color 00222D.



This preview shows how white text looks on a background with the Hex color 00222D.

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
00222D

Protanopia
1C1F2B

Deuteranopia
1A1F2E

Trichromacy



Original Color
00222D

Protanomaly
12202C

Deuteranomaly
11202E

Tritanomaly
002329

Monochromacy



Original Color
00222D

Achromatopsia
191919

Achromatomaly
101C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 00222D 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 #00222D looks like.

```
.text, #text, p{  
    color:#00222D  
}
```

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 #00222D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00222D
}
```

Border

The CSS property to change the border of an element to Hex 00222D 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
#00222D }
```

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

```
.border{ border-color:#00222D }
```

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

Here you see how a box with a 4 pixel #00222D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00222D; -webkit-box-shadow:4px 4px  
4px 4px #00222D; box-shadow:4px 4px 4px  
4px #00222D }
```

Background

The CSS property to change the background color of an element to Hex 00222D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00222D }
```

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

```
.background{ background-color:#00222D }
```

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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