

Converting Colors

Hex(03242A)

Have a look what the booklet for
Hex(03242A) contains.

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Color

Hex(03242A)

Conversions

Conversions Part 1

Format	Color
Hex	03242A
RGB	3, 36, 42
RGB Percent	1%, 14%, 16%
CMY	0.9882, 0.8588, 0.8353
CMYK	0.93, 0.14, 0.00, 0.84
HSL	189°, 87%, 9%
HSV	189°, 93%, 16%
XYZ	1.0863, 1.4483, 2.4128
YIQ	26.8170, -21.5940, -5.1300

Conversions

Conversions Part 2

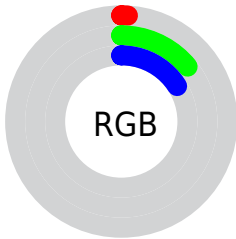
Format	Color
RYB	3, 21, 42
Decimal	205866
CIELab	12.28, -9.25, -7.43
CIELCh	12, 11.860, 218.759
Yxy	1.4483, 0.2196, 0.2927
Android (android.graphics.Color)	4278395946 (0xFF03242A)
YUV	26.8170, 7.4852, -20.8875
Hunter-Lab	12.0344, -4.9471, -3.4629

Details

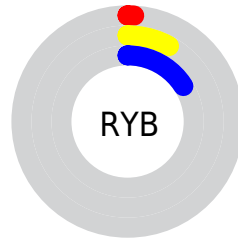
The Hex color **03242A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A0903**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **325157**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00242A**, and if you desaturate by 10%, it is **07252A**.

Distribution



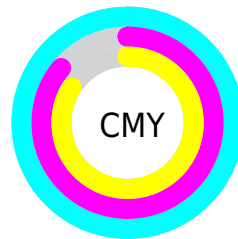
- Red (1%)
- Green (14%)
- Blue (16%)



- Red (1%)
- Yellow (8%)
- Blue (16%)



- Cyan (93%)
- Magenta (14%)
- Yellow (0%)
- Black (84%)



- Cyan (99%)
- Magenta (86%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03242A 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 03242A by changing the saturation by 10% instead.

■ 03242A

■ 03242A

■ EAffff

■ 000F16

■ 325157

■ 000000

■ 4A6970

■ 638289

■ 7C9CA3

■ 97B7BE

■ B2D2DA

■ CDEff7

■ 03242A

■ 03242A

■ 00242A

■ 07252A

■ 0B252A

■ 10262A

■ 14272A

■ 18272A

■ 1C282A

■ 20292A

■ 25292A

■ 292A2A

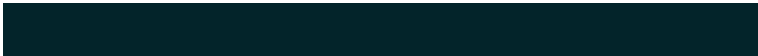
Harmonies

Analogous

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



062422



03242A



0B232F

Triad

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



03242A



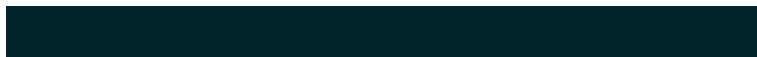
2C1B26



23200F

Complementary

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



03242A



2A0903

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.



2B1E10



03242A



301A1E

Square

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



03242A



241D2D



2F1B16



1A2313

Rectangle

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



03242A



142130



2F1B16



261F0F

Sweetspot

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



03242A



273336



032A09



131B1C



9C9C9C



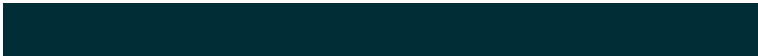
1C1C1C

Same Dimension

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



03242A



002D36



03112A



121414



004754



00B3D4

Inverse Universe

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



2A0324



36002D



2A1C03



141214



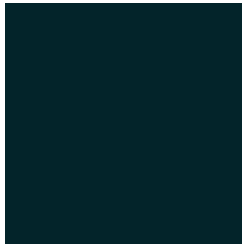
540047



D400B3

Previews

White Background



This preview shows how the Hex color 03242A looks on a white background.

Color Contrast Check

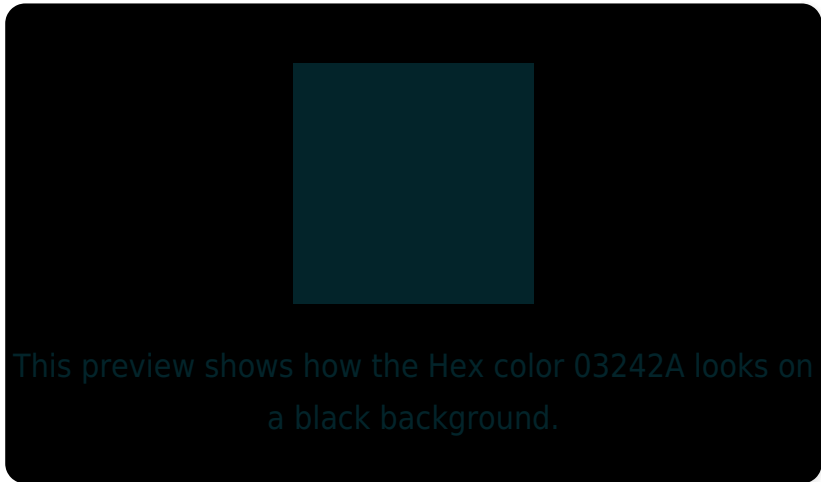
Large Text (above 18pt) WCAG AA ✓ Pass

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

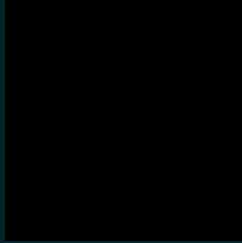
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

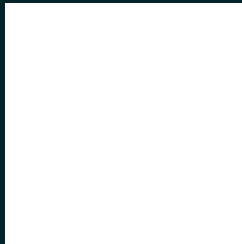
Any Text WCAG AAA × Fail

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

Hex 03242A Background



This preview shows how black text looks on a background with the Hex color 03242A.



This preview shows how white text looks on a background with the Hex color 03242A.

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

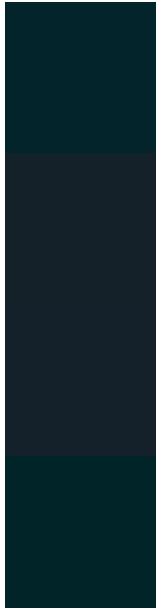


Original Color
03242A

Protanopia
1F2027

Deuteranopia
1E202B

Trichromacy



Original Color
03242A

Protanomaly
152128

Deuteranomaly
14212B

Tritanomaly
012428

Monochromacy



Original Color
03242A

Achromatopsia
1B1B1B

Achromatomaly
121E20

CSS Examples

Text

The CSS property to change the color of the text to Hex 03242A 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 #03242A looks like.

```
.text, #text, p{  
    color:#03242A  
}
```

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 #03242A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03242A
}
```

Border

The CSS property to change the border of an element to Hex 03242A 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
#03242A }
```

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

```
.border{ border-color:#03242A }
```

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

Here you see how a box with a 4 pixel #03242A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03242A; -webkit-box-shadow:4px 4px  
4px 4px #03242A; box-shadow:4px 4px 4px  
4px #03242A }
```

Background

The CSS property to change the background color of an element to Hex 03242A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03242A }
```

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

```
.background{ background-color:#03242A }
```

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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