

Converting Colors

Hex(04242F)

Have a look what the booklet for
Hex(04242F) contains.

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Color

Hex(04242F)

Conversions

Conversions Part 1

Format	Color
Hex	04242F
RGB	4, 36, 47
RGB Percent	2%, 14%, 18%
CMY	0.9843, 0.8588, 0.8157
CMYK	0.91, 0.23, 0.00, 0.82
HSL	195°, 84%, 10%
HSV	195°, 91%, 18%
XYZ	1.1940, 1.4928, 2.9145
YIQ	27.6860, -22.6030, -3.3630

Conversions

Conversions Part 2

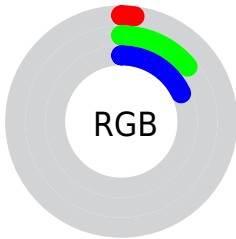
Format	Color
R_{YB}	4, 22, 47
Decimal	271407
CIE _{Lab}	12.56, -6.88, -10.58
CIE _{LCh}	13, 12.622, 236.970
Yxy	1.4928, 0.2132, 0.2665
Android (android.graphics.Color)	4278461487 (0xFF04242F)
YUV	27.6860, 9.5218, -20.7726
Hunter-Lab	12.2180, -3.9372, -5.5906

Details

The Hex color **04242F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F0F04**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **34505D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00232F**, and if you desaturate by 10%, it is **09252F**.

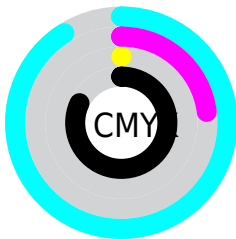
Distribution



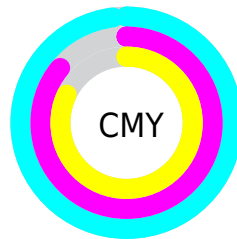
- Red (2%)
- Green (14%)
- Blue (18%)



- Red (2%)
- Yellow (9%)
- Blue (18%)



- Cyan (91%)
- Magenta (23%)
- Yellow (0%)
- Black (82%)



- Cyan (98%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04242F 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 04242F by changing the saturation by 10% instead.

04242F

04242F

ECFFFF

000F1A

34505D

000000

4C6976

65828F

7F9CAA

99B7C5

B4D2E1

D0EFFE

04242F

04242F

■ 00232F

■ 09252F

■ 0D262F

■ 12282F

■ 17292F

■ 1C2A2F

■ 202B2F

■ 252C2F

■ 2A2E2F

■ 2E2F2F

Harmonies

Analogous

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



012528



04242F



122232

Triad

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



04242F



311A22



1E2210

Complementary

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



04242F



2F0F04

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.



27200E



04242F



311A19

Square

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



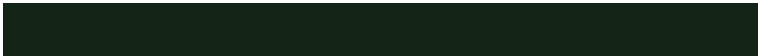
04242F



2B1C2A



2E1D12



142417

Rectangle

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



04242F



1C2031



2E1D12



22220F

Sweetspot

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



04242F



2D393D



042F0F



151C1F



9E9E9E



1F1F1F

Same Dimension

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



04242F



002E3D



040F2F



151617



004157



009FD6

Inverse Universe

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



2F0424



3D002E



2F2404



171516



570041



D6009F

Previews

White Background



This preview shows how the Hex color 04242F looks on a white background.

Color Contrast Check

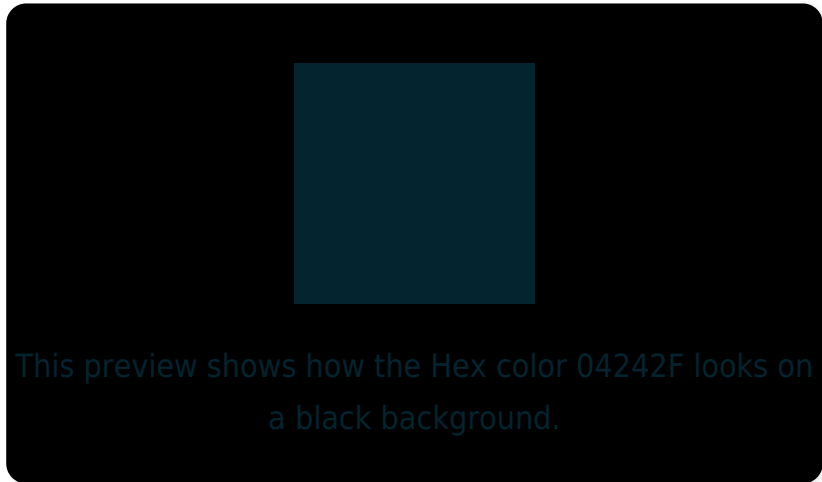
Large Text (above 18pt) WCAG AA ✓ Pass

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

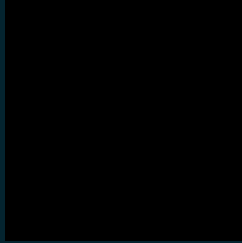
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

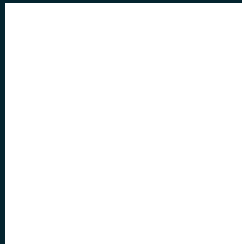
Any Text WCAG AAA × Fail

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

Hex 04242F Background



This preview shows how black text looks on a background with the Hex color 04242F.



This preview shows how white text looks on a background with the Hex color 04242F.

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
04242F

Protanopia
1E212D

Deuteranopia
1C2130

Trichromacy



Original Color
04242F

Protanomaly
15222E

Deuteranomaly
132230

Tritanomaly
01252B

Monochromacy



Original Color
04242F

Achromatopsia
1C1C1C

Achromatomaly
131F23

CSS Examples

Text

The CSS property to change the color of the text to Hex 04242F 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 #04242F looks like.

```
.text, #text, p{  
    color:#04242F  
}
```

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 #04242F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04242F
}
```

Border

The CSS property to change the border of an element to Hex 04242F is called "border". The border property can be set on classes, ids or directly on the HTML element.

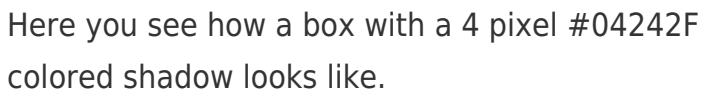
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#04242F }
```

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

```
.border{ border-color:#04242F }
```

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



Here you see how a box with a 4 pixel #04242F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04242F; -webkit-box-shadow:4px 4px  
4px 4px #04242F; box-shadow:4px 4px 4px  
4px #04242F }
```

Background

The CSS property to change the background color of an element to Hex 04242F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04242F }
```

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

```
.background{ background-color:#04242F }
```

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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