

Converting Colors

Hex(3F242E)

Have a look what the booklet for
Hex(3F242E) contains.

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Color

Hex(3F242E)

Conversions

Conversions Part 1

Format	Color
Hex	3F242E
RGB	63, 36, 46
RGB Percent	25%, 14%, 18%
CMY	0.7529, 0.8588, 0.8196
CMYK	0.00, 0.43, 0.27, 0.75
HSL	338°, 27%, 19%
HSV	338°, 43%, 25%
XYZ	3.1739, 2.5158, 2.9031
YIQ	45.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

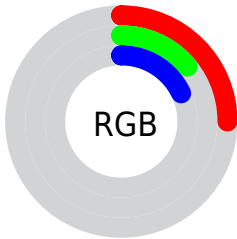
Format	Color
R_{YB}	63, 36, 46
Decimal	4138030
CIE _{Lab}	17.99, 14.50, -1.15
CIE _{LCh}	18, 14.549, 355.483
Yxy	2.5158, 0.3694, 0.2928
Android (android.graphics.Color)	4282328110 (0xFF3F242E)
YUV	45.2130, 0.3880, 15.5992
Hunter-Lab	15.8612, 7.9618, 0.2510

Details

The Hex color **3F242E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **243F35**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **70515C**, and **0F0000** is the 20% darker color. If you saturate the color by 10%, you get **3F1E2A**, and if you desaturate by 10%, it is **3F2A32**.

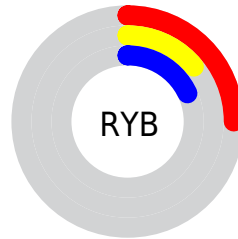
Distribution



Red (25%)

Green (14%)

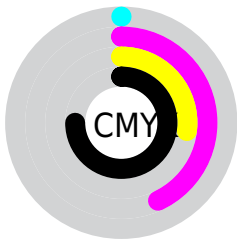
Blue (18%)



Red (25%)

Yellow (14%)

Blue (18%)

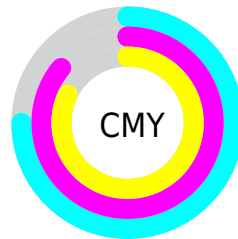


Cyan (0%)

Magenta (43%)

Yellow (27%)

Black (75%)



Cyan (75%)

Magenta (86%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F242E 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 3F242E by changing the saturation by 10% instead.



3F242E



3F242E

FFFFFF



280F19



70515C



0F0000



896974



000000



A4838E



BF9DA8



DBB8C3



F8D3DF



FFF0FC



3F242E



3F242E

■ 3F1E2A

■ 3F2A32

■ 3F1726

■ 3F3136

■ 3F1122

■ 3F373A

■ 3F0B1E

■ 3F3D3E

■ 3F041A

■ 3F4442

■ 3F0017

■ 3F4A46

■ 3F504A

■ 3F564E

■ 3F5D52

Harmonies

Analogous

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



382638



3F242E



402424

Triad

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



3F242E



2A2E19



09303D

Complementary

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



3F242E



243F35

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.



043135



3F242E



1E3020

Square

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



3F242E



342B17



10322A



1A2D41

Rectangle

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



3F242E



3E261E



10322A



05313B

Sweetspot

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



3F242E



52474B



35243F



292225



A8A8A8



292929

Same Dimension

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



3F242E



522837



3F2724



1F1C1D



5E0023



DE0052

Inverse Universe

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



3F242E



522837



243C3F



1F1C1D



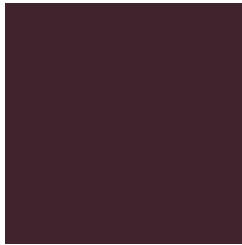
5E0023



DE0052

Previews

White Background



This preview shows how the Hex color 3F242E looks on a white background.

Color Contrast Check

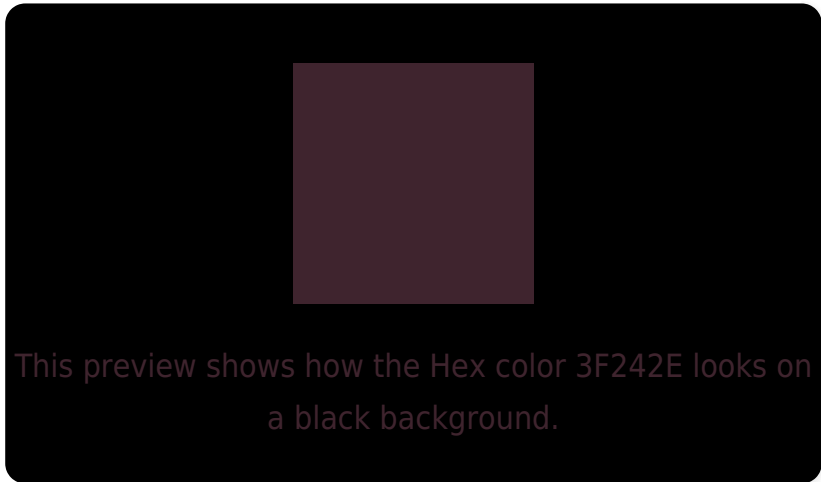
Large Text (above 18pt) WCAG AA ✓ Pass

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

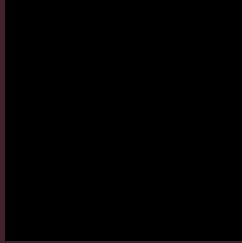
Any Text WCAG AA × Fail

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 3F242E Background



This preview shows how black text looks on a background with the Hex color 3F242E.



This preview shows how white text looks on a background with the Hex color 3F242E.

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](#).

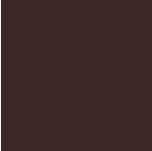
Dichromacy



Original Color
3F242E

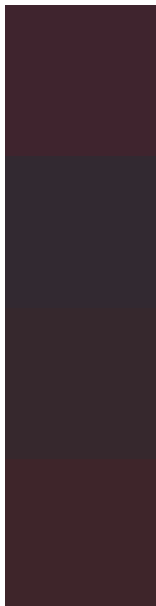
Protanopia
2B2C33

Deuteranopia
312B2D



Tritanopia
3E2528

Trichromacy



Original Color

3F242E

Protanomaly

322931

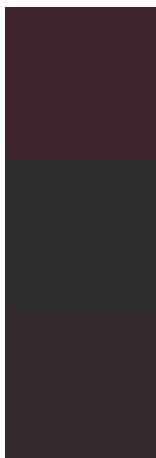
Deuteranomaly

36282D

Tritanomaly

3E252A

Monochromacy



Original Color

3F242E

Achromatopsia

2D2D2D

Achromatomaly

342A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F242E 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 #3F242E looks like.

```
.text, #text, p{  
    color:#3F242E  
}
```

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 #3F242E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F242E
}
```

Border

The CSS property to change the border of an element to Hex 3F242E is called "border". The border property can be set on classes, ids or directly on the HTML element.

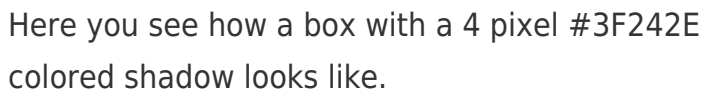
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F242E }
```

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

```
.border{ border-color:#3F242E }
```

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



Here you see how a box with a 4 pixel #3F242E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F242E; -webkit-box-shadow:4px 4px  
4px 4px #3F242E; box-shadow:4px 4px 4px  
4px #3F242E }
```

Background

The CSS property to change the background color of an element to Hex 3F242E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F242E }
```

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

```
.background{ background-color:#3F242E }
```

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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