

Converting Colors

Hex(2F3C52)

Have a look what the booklet for
Hex(2F3C52) contains.

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Color

Hex(2F3C52)

Conversions

Conversions Part 1

Format	Color
Hex	2F3C52
RGB	47, 60, 82
RGB Percent	18%, 24%, 32%
CMY	0.8157, 0.7647, 0.6784
CMYK	0.43, 0.27, 0.00, 0.68
HSL	218°, 27%, 25%
HSV	218°, 43%, 32%
XYZ	4.3111, 4.4453, 8.6134
YIQ	58.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

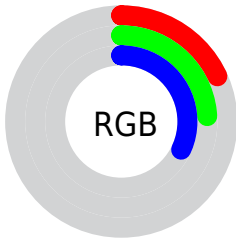
Format	Color
R_{YB}	47, 56, 82
Decimal	3095634
CIE _{Lab}	25.09, 1.19, -15.01
CIE _{LCh}	25, 15.055, 274.551
Yxy	4.4453, 0.2482, 0.2559
Android (android.graphics.Color)	4281285714 (0xFF2F3C52)
YUV	58.6210, 11.5258, -10.1916
Hunter-Lab	21.0838, -0.3975, -9.4634

Details

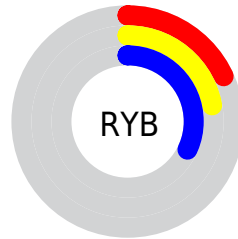
The Hex color **2F3C52** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52452F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5F6B83**, and **011225** is the 20% darker color. If you saturate the color by 10%, you get **273752**, and if you desaturate by 10%, it is **374152**.

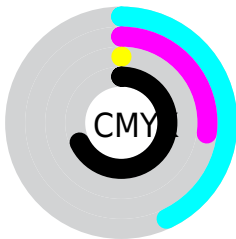
Distribution



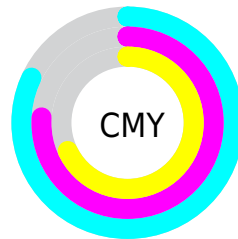
- Red (18%)
- Green (24%)
- Blue (32%)



- Red (18%)
- Yellow (22%)
- Blue (32%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3C52 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 2F3C52 by changing the saturation by 10% instead.

■ 2F3C52

■ 2F3C52

FFFFFF

■ 18263B

■ 5F6B83

■ 011225

■ 78849E

■ 00010F

■ 929EB9

■ 000000

■ ACB9D4

■ C8D5F1

■ E4F1FF

■ 2F3C52

■ 2F3C52

■ 273752

■ 374152

■ 1F3252

■ 3F4652

■ 162D52

■ 484B52

■ 0E2752

■ 505152

■ 062252

■ 585652

■ 001E52

■ 605B52

■ 686052

■ 716552

■ 796A52

Harmonies

Analogous

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



1E3F50



2F3C52



3F384E

Triad

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



2F3C52



51342F



284131

Complementary

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



2F3C52



52452F

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.



353F28



2F3C52



4C3727

Square

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



2F3C52



52333A



423B25



1B423D

Rectangle

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



2F3C52



483549



423B25



2D402E

Sweetspot

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



2F3C52



5D626B



2F5245



2D3036



B5B5B5



363636

Same Dimension

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



2F3C52



34496B



332F52



252629



002769



0056E8

Inverse Universe

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



522F3C



6B3449



4E522F



292526



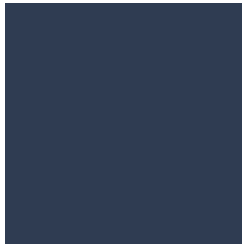
690027



E80056

Previews

White Background



This preview shows how the Hex color 2F3C52 looks on a white background.

Color Contrast Check

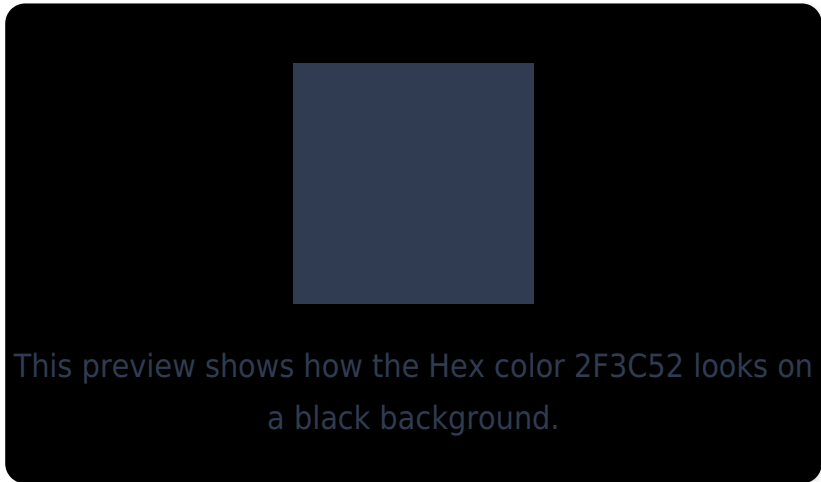
Large Text (above 18pt) WCAG AA ✓ Pass

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

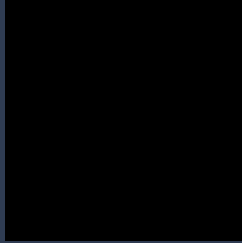
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

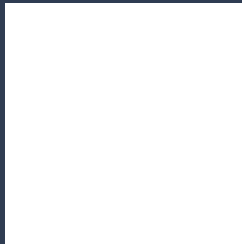
Any Text WCAG AAA × Fail

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

Hex 2F3C52 Background



This preview shows how black text looks on a background with the Hex color 2F3C52.



This preview shows how white text looks on a background with the Hex color 2F3C52.

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](#).

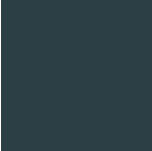
Dichromacy



Original Color
2F3C52

Protanopia
353B51

Deuteranopia
343B52



Tritanopia
2B3F44

Trichromacy



Original Color
2F3C52

Protanomaly
333B51

Deuteranomaly
323B52

Tritanomaly
2C3E49

Monochromacy



Original Color
2F3C52

Achromatopsia
3B3B3B

Achromatomaly
373B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3C52 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 #2F3C52 looks like.

```
.text, #text, p{  
    color:#2F3C52  
}
```

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 #2F3C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3C52
}
```

Border

The CSS property to change the border of an element to Hex 2F3C52 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
#2F3C52 }
```

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

```
.border{ border-color:#2F3C52 }
```

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

Here you see how a box with a 4 pixel #2F3C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3C52; -webkit-box-shadow:4px 4px  
4px 4px #2F3C52; box-shadow:4px 4px 4px  
4px #2F3C52 }
```

Background

The CSS property to change the background color of an element to Hex 2F3C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3C52 }
```

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

```
.background{ background-color:#2F3C52 }
```

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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