

Converting Colors

Hex(2F4754)

Have a look what the booklet for
Hex(2F4754) contains.

Hex(2F4754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F4754)

Conversions

Conversions Part 1

Format	Color
Hex	2F4754
RGB	47, 71, 84
RGB Percent	18%, 28%, 33%
CMY	0.8157, 0.7216, 0.6706
CMYK	0.44, 0.15, 0.00, 0.67
HSL	201°, 28%, 26%
HSV	201°, 44%, 33%
XYZ	5.0258, 5.7509, 9.2327
YIQ	65.3060, -18.4770, -1.0450

Conversions

Conversions Part 2

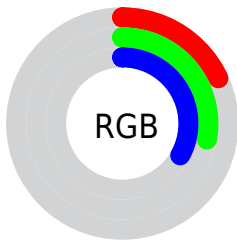
Format	Color
RYB	47, 62, 84
Decimal	3098452
CIELab	28.78, -5.33, -10.67
CIElCh	29, 11.924, 243.460
Yxy	5.7509, 0.2512, 0.2874
Android (android.graphics.Color)	4281288532 (0xFF2F4754)
YUV	65.3060, 9.2161, -16.0544
Hunter-Lab	23.9810, -4.5582, -6.0398

Details

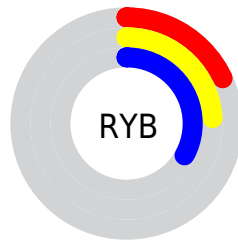
The Hex color **2F4754** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **543C2F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5F7786**, and **011C27** is the 20% darker color. If you saturate the color by 10%, you get **274454**, and if you desaturate by 10%, it is **374A54**.

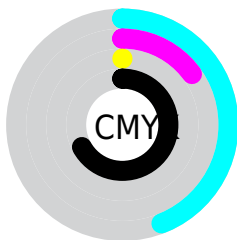
Distribution



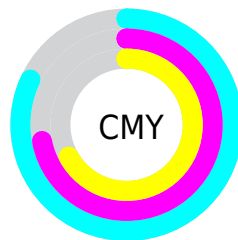
- Red (18%)
- Green (28%)
- Blue (33%)



- Red (18%)
- Yellow (24%)
- Blue (33%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4754 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 2F4754 by changing the saturation by 10% instead.

■ 2F4754

■ 2F4754

FFFFFF

■ 18313D

■ 5F7786

■ 011C27

■ 7891A0

■ 000113

■ 92ACBB

■ 000000

■ ADC7D6

■ C9E3F3

■ E5FFFF

■ 2F4754

■ 2F4754

■ 274454

■ 374A54

■ 1E4154

■ 404D54

■ 163E54

■ 485054

■ 0D3B54

■ 515354

■ 053854

■ 595654

■ 003654

■ 615954

■ 6A5C54

■ 725F54

■ 7B6254

Harmonies

Analogous

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



2A494E



2F4754



3A4456

Triad

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



2F4754



563D43



404634

Complementary

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



2F4754



543C2F

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.



4A4432



2F4754



563E3A

Square

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



2F4754



513E4C



524134



35483B

Rectangle

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



2F4754



434255



524134



434533

Sweetspot

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



2F4754



5F696E



2F543C



2F3538



B8B8B8



383838

Same Dimension

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



2F4754



34596E



2F3554



252729



004469



0097E8

Inverse Universe

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



542F47



6E3459



544E2F



292527



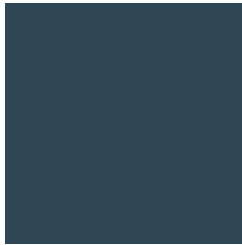
690044



E80097

Previews

White Background



This preview shows how the Hex color 2F4754 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

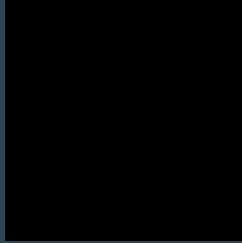
Any Text WCAG AA × Fail

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 2F4754 Background



This preview shows how black text looks on a background with the Hex color 2F4754.



This preview shows how white text looks on a background with the Hex color 2F4754.

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
2F4754

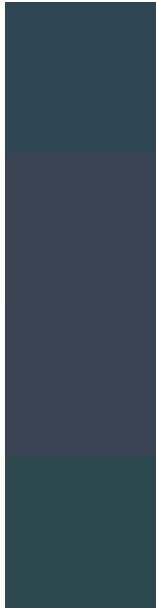
Protanopia
414351

Deuteranopia
414255



Tritanopia
2D484E

Trichromacy



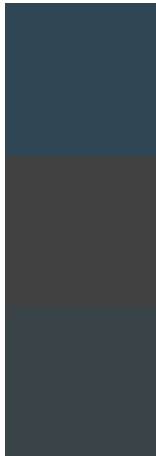
Original Color
2F4754

Protanomaly
3A4452

Deuteranomaly
3A4455

Tritanomaly
2E4850

Monochromacy



Original Color
2F4754

Achromatopsia
414141

Achromatomaly
3A4348

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4754 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 #2F4754 looks like.

```
.text, #text, p{  
    color:#2F4754  
}
```

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 #2F4754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4754
}
```

Border

The CSS property to change the border of an element to Hex 2F4754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

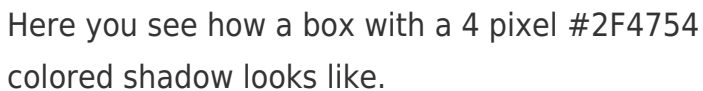
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F4754 }
```

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

```
.border{ border-color:#2F4754 }
```

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



Here you see how a box with a 4 pixel #2F4754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4754; -webkit-box-shadow:4px 4px  
4px 4px #2F4754; box-shadow:4px 4px 4px  
4px #2F4754 }
```

Background

The CSS property to change the background color of an element to Hex 2F4754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4754 }
```

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

```
.background{ background-color:#2F4754 }
```

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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