

Converting Colors

Hex(2F4761)

Have a look what the booklet for
Hex(2F4761) contains.

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Color

Hex(2F4761)

Conversions

Conversions Part 1

Format	Color
Hex	2F4761
RGB	47, 71, 97
RGB Percent	18%, 28%, 38%
CMY	0.8157, 0.7216, 0.6196
CMYK	0.52, 0.27, 0.00, 0.62
HSL	211°, 35%, 28%
HSV	211°, 52%, 38%
XYZ	5.5832, 5.9739, 12.1681
YIQ	66.7880, -22.6500, 2.9980

Conversions

Conversions Part 2

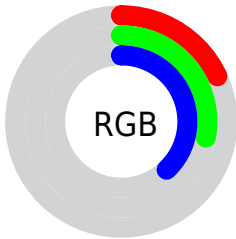
Format	Color
R_{YB}	47, 63, 97
Decimal	3098465
CIE _{Lab}	29.35, -1.09, -18.15
CIE _{LCh}	29, 18.184, 266.551
Yxy	5.9739, 0.2353, 0.2518
Android (android.graphics.Color)	4281288545 (0xFF2F4761)
YUV	66.7880, 14.8945, -17.3541
Hunter-Lab	24.4415, -1.9978, -12.4081

Details

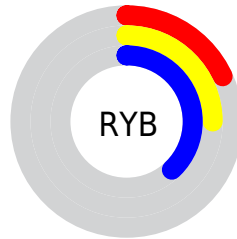
The Hex color **2F4761** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **61492F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **607794**, and **001C32** is the 20% darker color. If you saturate the color by 10%, you get **254261**, and if you desaturate by 10%, it is **394C61**.

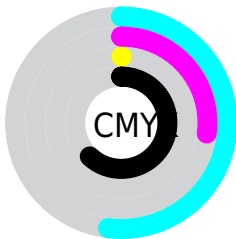
Distribution



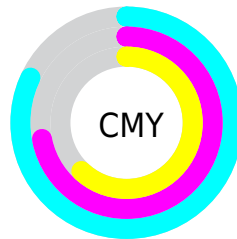
- Red (18%)
- Green (28%)
- Blue (38%)



- Red (18%)
- Yellow (25%)
- Blue (38%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)
- Black (62%)



- Cyan (82%)
- Magenta (72%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4761 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 2F4761 by changing the saturation by 10% instead.

■ 2F4761

■ 2F4761

FFFFFF

■ 163149

■ 607794

■ 001C32

■ 7A91AE

■ 00021E

■ 94ABCA

■ 000000

■ AFC7E6

■ CBE3FF

■ E8FFFF

■ 2F4761

■ 2F4761

■ 254261

■ 394C61

■ 1C3D61

■ 425161

■ 123861

■ 4C5661

■ 083361

■ 565B61

■ 002F61

■ 606061

■ 696561

■ 736A61

■ 7D6F61

■ 867461

Harmonies

Analogous

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



1A4B5C



2F4761



45425E

Triad

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



2F4761



613B39



314B35

Complementary

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



2F4761



61492F

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.



42482C



2F4761



5B3F2E

Square

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



2F4761



5F3B47



504429



204D43

Rectangle

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



2F4761



513F59



504429



374A31

Sweetspot

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



2F4761



6A737D



2F6149



343A40



BFBFBF



404040

Same Dimension

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



2F4761



2F557D



302F61



2C2E30



003670



0073F0

Inverse Universe

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



612F47



7D2F55



60612F



302C2E



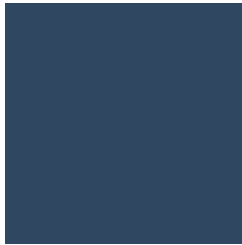
700036



F00073

Previews

White Background



This preview shows how the Hex color 2F4761 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

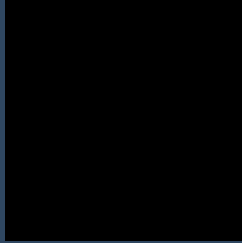
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

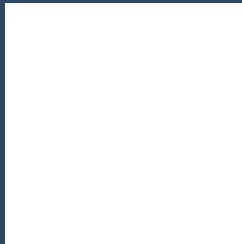
Any Text WCAG AAA × Fail

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

Hex 2F4761 Background



This preview shows how black text looks on a background with the Hex color 2F4761.



This preview shows how white text looks on a background with the Hex color 2F4761.

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](#).

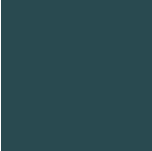
Dichromacy



Original Color
2F4761

Protanopia
3D445F

Deuteranopia
3B4462



Tritanopia
294A50

Trichromacy



Original Color
2F4761

Protanomaly
384560

Deuteranomaly
374562

Tritanomaly
2B4956

Monochromacy



Original Color
2F4761

Achromatopsia
434343

Achromatomaly
3C444E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4761 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 #2F4761 looks like.

```
.text, #text, p{  
    color:#2F4761  
}
```

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 #2F4761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4761
}
```

Border

The CSS property to change the border of an element to Hex 2F4761 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
#2F4761 }
```

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

```
.border{ border-color:#2F4761 }
```

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

Here you see how a box with a 4 pixel #2F4761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4761; -webkit-box-shadow:4px 4px  
4px 4px #2F4761; box-shadow:4px 4px 4px  
4px #2F4761 }
```

Background

The CSS property to change the background color of an element to Hex 2F4761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4761 }
```

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

```
.background{ background-color:#2F4761 }
```

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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