

Converting Colors

Hex(2F516B)

Have a look what the booklet for
Hex(2F516B) contains.

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Color

Hex(2F516B)

Conversions

Conversions Part 1

Format	Color
Hex	2F516B
RGB	47, 81, 107
RGB Percent	18%, 32%, 42%
CMY	0.8157, 0.6824, 0.5804
CMYK	0.56, 0.24, 0.00, 0.58
HSL	206°, 39%, 30%
HSV	206°, 56%, 42%
XYZ	6.7686, 7.5507, 15.0106
YIQ	73.7980, -28.6100, 0.8780

Conversions

Conversions Part 2

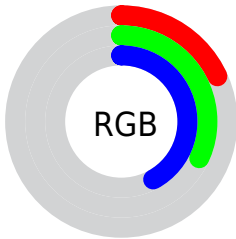
Format	Color
RYB	47, 69, 107
Decimal	3101035
CIELab	33.03, -4.09, -18.79
CIElCh	33, 19.224, 257.731
Yxy	7.5507, 0.2308, 0.2574
Android (android.graphics.Color)	4281291115 (0xFF2F516B)
YUV	73.7980, 16.3686, -23.5018
Hunter-Lab	27.4786, -4.1192, -13.1531

Details

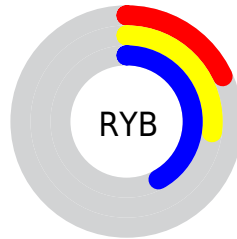
The Hex color **2F516B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6B492F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **62829E**, and **00253C** is the 20% darker color. If you saturate the color by 10%, you get **244C6B**, and if you desaturate by 10%, it is **3A566B**.

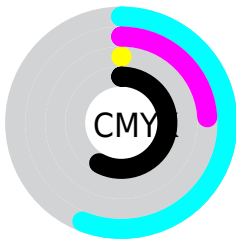
Distribution



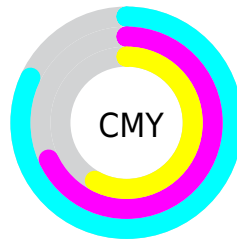
- Red (18%)
- Green (32%)
- Blue (42%)



- Red (18%)
- Yellow (27%)
- Blue (42%)



- Cyan (56%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F516B 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 2F516B by changing the saturation by 10% instead.

■ 2F516B

■ 2F516B

FFFFFF

■ 143A53

■ 62829E

■ 00253C

■ 7C9CB9

■ 000F26

■ 96B7D5

■ 000110

■ B2D3F2

■ 000000

■ CEEFF

■ EAFFFF

■ 2F516B

■ 2F516B

■ 244C6B

■ 3A566B

■ 1A486B

■ 445A6B

■ 0F436B

■ 4F5F6B

■ 043E6B

■ 5A646B

■ 003D6B

■ 65686B

■ 6F6D6B

■ 7A716B

■ 85766B

■ 8F7B6B

Harmonies

Analogous

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



1B5464



2F516B



474C6A

Triad

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



2F516B



6C4245



3E5339

Complementary

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



2F516B



6B492F

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.



4F5030



2F516B



684638

Square

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



2F516B



674355



5E4B30



2B5647

Rectangle

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



2F516B



554866



5E4B30



445235

Sweetspot

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



2F516B



74828C



2F6B49



394147



C7C7C7



474747

Same Dimension

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



2F516B



2E648C



2F336B



303336



004275



008BF5

Inverse Universe

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



6B2F51



8C2E64



6B672F



363033



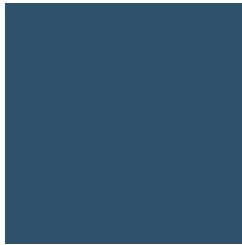
750042



F5008B

Previews

White Background



This preview shows how the Hex color 2F516B looks on a white background.

Color Contrast Check

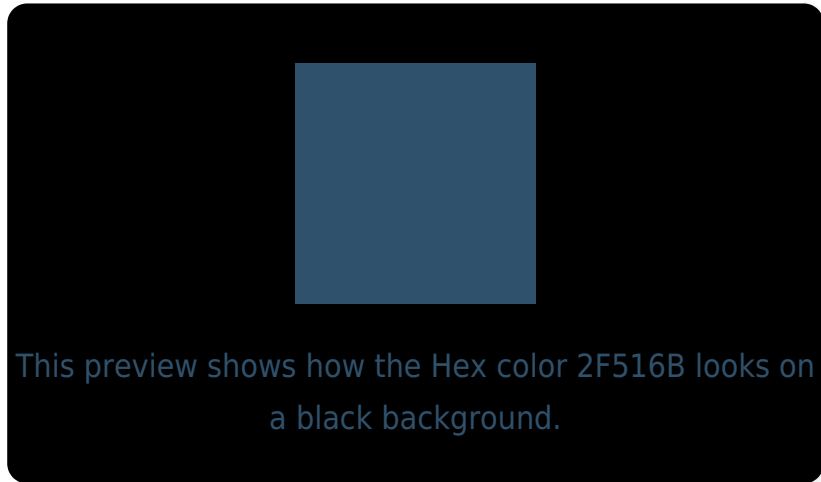
Large Text (above 18pt) WCAG AA ✓ Pass

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

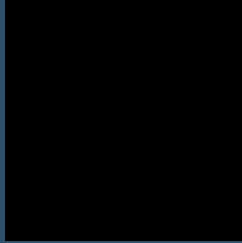
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

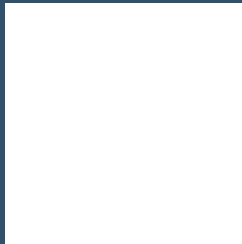
Any Text WCAG AAA × Fail

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

Hex 2F516B Background



This preview shows how black text looks on a background with the Hex color 2F516B.

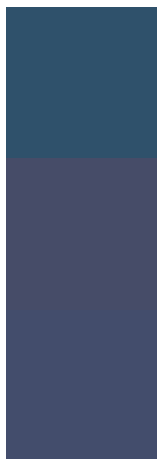


This preview shows how white text looks on a background with the Hex color 2F516B.

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](#).

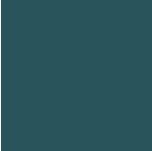
Dichromacy



Original Color
2F516B

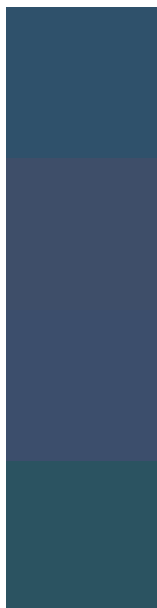
Protanopia
464C68

Deuteranopia
434D6C



Tritanopia
29545B

Trichromacy



Original Color

2F516B

Protanomaly

3E4E69

Deuteranomaly

3C4E6C

Tritanomaly

2B5361

Monochromacy



Original Color

2F516B

Achromatopsia

4A4A4A

Achromatomaly

404D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F516B 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 #2F516B looks like.

```
.text, #text, p{  
    color:#2F516B  
}
```

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 #2F516B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F516B
}
```

Border

The CSS property to change the border of an element to Hex 2F516B 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
#2F516B }
```

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

```
.border{ border-color:#2F516B }
```

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

Here you see how a box with a 4 pixel #2F516B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F516B; -webkit-box-shadow:4px 4px  
4px 4px #2F516B; box-shadow:4px 4px 4px  
4px #2F516B }
```

Background

The CSS property to change the background color of an element to Hex 2F516B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F516B }
```

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

```
.background{ background-color:#2F516B }
```

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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