

# Converting Colors

Hex(2F526B)

Have a look what the booklet for  
Hex(2F526B) contains.

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# Color

Hex(2F526B)

# Conversions

## Conversions Part 1

Format	Color
Hex	2F526B
RGB	47, 82, 107
RGB Percent	18%, 32%, 42%
CMY	0.8157, 0.6784, 0.5804
CMYK	0.56, 0.23, 0.00, 0.58
HSL	205°, 39%, 30%
HSV	205°, 56%, 42%
XYZ	6.8434, 7.7005, 15.0356
YIQ	74.3850, -28.8850, 0.3550

# Conversions

## Conversions Part 2

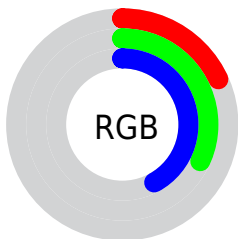
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 69, 107
Decimal	3101291
CIELab	33.35, -4.71, -18.29
CIElCh	33, 18.884, 255.553
Yxy	7.7005, 0.2314, 0.2603
Android (android.graphics.Color)	4281291371 (0xFF2F526B)
YUV	74.3850, 16.0792, -24.0166
Hunter-Lab	27.7497, -4.5416, -12.7002

# Details

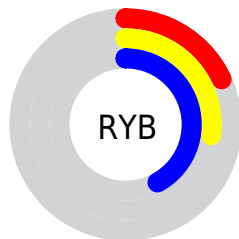
The Hex color **2F526B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6B482F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **62839E**, and **00253C** is the 20% darker color. If you saturate the color by 10%, you get **244E6B**, and if you desaturate by 10%, it is **3A566B**.

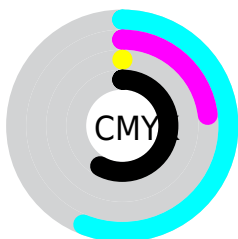
# Distribution



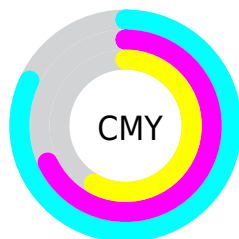
- Red (18%)
- Green (32%)
- Blue (42%)



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



- Cyan (56%)
- Magenta (23%)
- Yellow (0%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F526B 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 2F526B by changing the saturation by 10% instead.



■ 2F526B

■ 2F526B

FFFFFF

■ 143B53

■ 62839E

■ 00253C

■ 7C9DB9

■ 001126

■ 96B8D5

■ 000110

■ B2D4F2

■ 000000

■ CEF0FF

■ EAFFFF

■ 2F526B

■ 2F526B

■ 244E6B

■ 3A566B

■ 1A496B

■ 445B6B

■ 0F456B

■ 4F5F6B

■ 04406B

■ 5A646B

■ 003E6B

■ 65686B

■ 6F6D6B

■ 7A716B

■ 85766B

■ 8F7A6B

# Harmonies

## Analogous

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



1D5563



2F526B



464D6B

# Triad

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



2F526B



6C4347



405439

# Complementary

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



2F526B



6B482F

# 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.



515031



2F526B



69463A

# Square

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



2F526B



674456



5F4B32



2E5646

# Rectangle

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



2F526B



544A67



5F4B32



465336



# Sweetspot

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



2F526B



74828C



2F6B48



394147



C7C7C7



474747



# Same Dimension

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



2F526B



2E658C



2F346B



303336



004475



008FF5



# Inverse Universe

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



6B2F52



8C2E65



6B662F



363033



750044

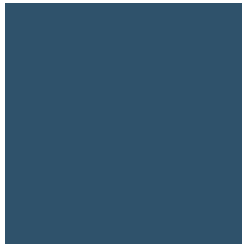


F5008F



# Previews

## White Background



This preview shows how the Hex color 2F526B looks on a white background.

## Color Contrast Check

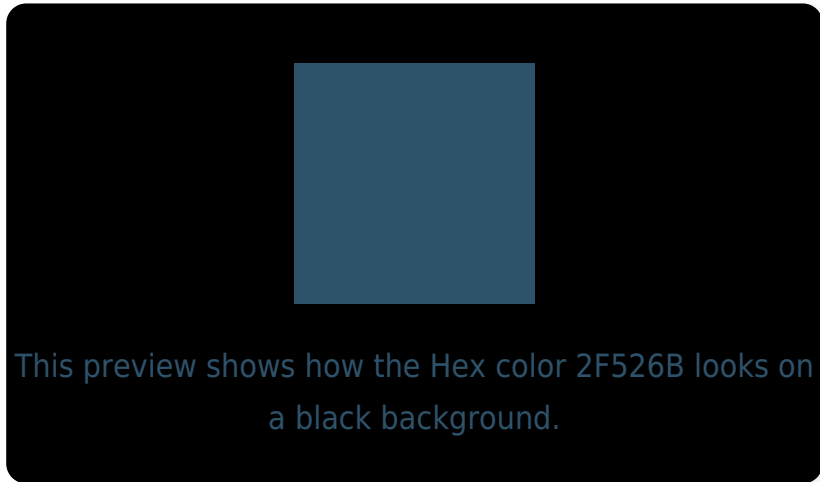
Large Text (above 18pt) WCAG AA ✓ Pass

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

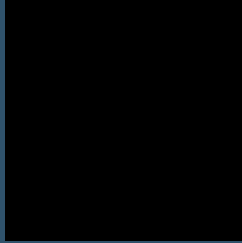
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

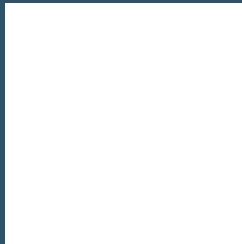
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2F526B Background



This preview shows how black text looks on a background with the Hex color 2F526B.

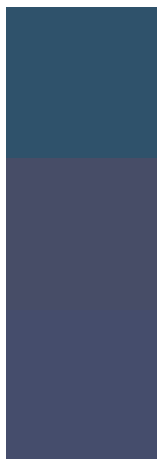


This preview shows how white text looks on a background with the Hex color 2F526B.

# 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



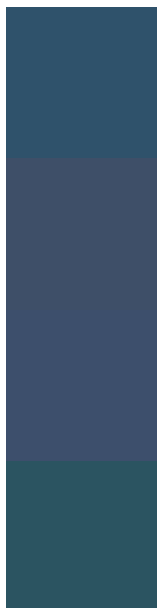
**Original Color**  
2F526B

**Protanopia**  
474D67

**Deuteranopia**  
454D6C



# Trichromacy



**Original Color**

2F526B

**Protanomaly**

3E4F68

**Deuteranomaly**

3D4F6C

**Tritanomaly**

2B5461

# Monochromacy



**Original Color**

2F526B

**Achromatopsia**

4A4A4A

**Achromatomaly**

404D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F526B 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 #2F526B looks like.

```
.text, #text, p{  
    color:#2F526B  
}
```

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 #2F526B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F526B
}
```

## Border

The CSS property to change the border of an element to Hex 2F526B 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
#2F526B }
```

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

```
.border{ border-color:#2F526B }
```

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

Here you see how a box with a 4 pixel #2F526B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F526B; -webkit-box-shadow:4px 4px  
4px 4px #2F526B; box-shadow:4px 4px 4px  
4px #2F526B }
```

# Background

The CSS property to change the background color of an element to Hex 2F526B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F526B }
```

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

```
.background{ background-color:#2F526B }
```

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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