

Converting Colors

Hex(2F626A)

Have a look what the booklet for
Hex(2F626A) contains.

Hex(2F626A)	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(2F626A)

Conversions

Conversions Part 1

Format	Color
Hex	2F626A
RGB	47, 98, 106
RGB Percent	18%, 38%, 42%
CMY	0.8157, 0.6157, 0.5843
CMYK	0.56, 0.08, 0.00, 0.58
HSL	188°, 39%, 30%
HSV	188°, 56%, 42%
XYZ	8.1415, 10.3803, 15.2102
YIQ	83.6630, -32.9640, -8.3240

Conversions

Conversions Part 2

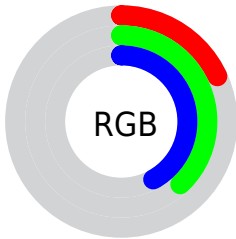
Format	Color
RYB	47, 74, 106
Decimal	3105386
CIELab	38.52, -14.58, -9.78
CIElCh	39, 17.555, 213.856
Yxy	10.3803, 0.2414, 0.3077
Android (android.graphics.Color)	4281295466 (0xFF2F626A)
YUV	83.6630, 11.0121, -32.1535
Hunter-Lab	32.2185, -11.2761, -5.4375




Details

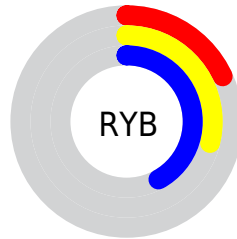
The Hex color **2F626A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A372F**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **62959D**, and **00333B** is the 20% darker color. If you saturate the color by 10%, you get **24616A**, and if you desaturate by 10%, it is **3A636A**.

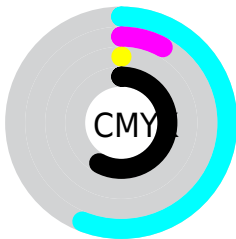
Distribution







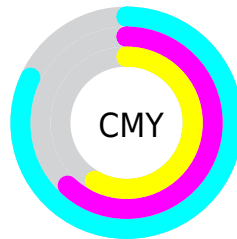
-  Red (18%)
-  Green (38%)
-  Blue (42%)






-  Red (18%)
-  Yellow (29%)
-  Blue (42%)



-  Cyan (56%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (82%)
-  Magenta (62%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F626A 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 2F626A by changing the saturation by 10% instead.



2F626A



2F626A

FFFFFF



134A52



62959D



00333B



7DB0B8



001E25



98CBD4



000110



B3E7F0



000000



CFFFFFF



ECFFFF



2F626A



2F626A



24616A



3A636A

■ 1A5F6A

■ 44656A

■ 0F5E6A

■ 4F666A

■ 055C6A

■ 59686A

■ 005C6A

■ 64696A

■ 6F6B6A

■ 796C6A

■ 846D6A

■ 8E6F6A

Harmonies

Analogous

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



35635C



2F626A



386074

Triad

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



2F626A



6F5267



635A3E

Complementary

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



2F626A



6A372F

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.



6F5642



2F626A



775059

Square

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



2F626A



5F5672



77524C



545F43

Rectangle

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



2F626A



445D77



77524C



68593F

Sweetspot

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



2F626A



72878A



2F6A37



374345



C4C4C4



454545

Same Dimension

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



2F626A



2D7D8A



2F456A



303536



006575



00D4F5

Inverse Universe

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



6A2F62



8A2D7D



6A542F



363035



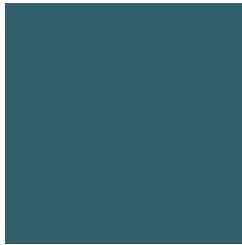
750065



F500D4

Previews

White Background



This preview shows how the Hex color 2F626A looks on a white background.

Color Contrast Check

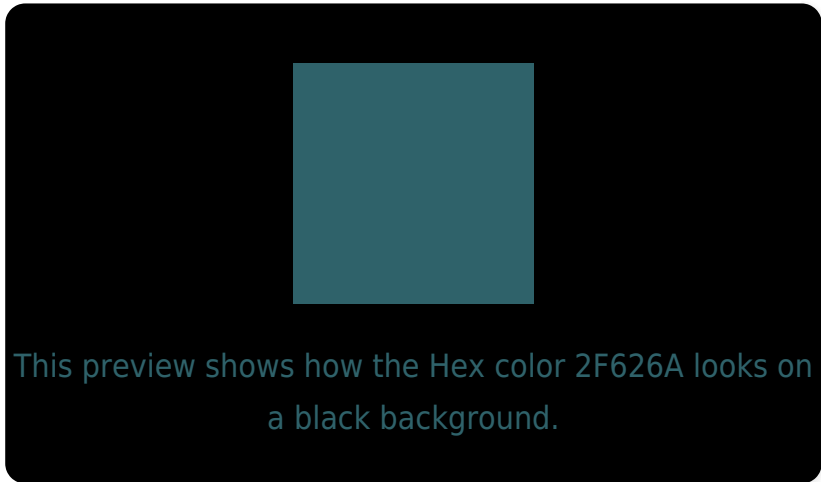
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

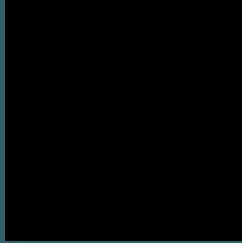
Any Text WCAG AA × Fail

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 2F626A Background



This preview shows how black text looks on a background with the Hex color 2F626A.



This preview shows how white text looks on a background with the Hex color 2F626A.

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
2F626A

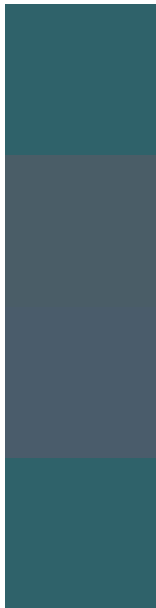
Protanopia
595A65

Deuteranopia
5A586C



Tritanopia
2F626A

Trichromacy



Original Color
2F626A

Protanomaly
4A5D67

Deuteranomaly
4A5C6B

Tritanomaly
2F626A

Monochromacy



Original Color
2F626A

Achromatopsia
545454

Achromatomaly
47595C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F626A 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 #2F626A looks like.

```
.text, #text, p{  
    color:#2F626A  
}
```

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 #2F626A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F626A
}
```

Border

The CSS property to change the border of an element to Hex 2F626A 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
#2F626A }
```

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

```
.border{ border-color:#2F626A }
```

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

Here you see how a box with a 4 pixel #2F626A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F626A; -webkit-box-shadow:4px 4px  
4px 4px #2F626A; box-shadow:4px 4px 4px  
4px #2F626A }
```

Background

The CSS property to change the background color of an element to Hex 2F626A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F626A }
```

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

```
.background{ background-color:#2F626A }
```

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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