

Converting Colors

Hex(2F6D6B)

Have a look what the booklet for
Hex(2F6D6B) contains.

Hex(2F6D6B)	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(2F6D6B)

Conversions

Conversions Part 1

Format	Color
Hex	2F6D6B
RGB	47, 109, 107
RGB Percent	18%, 43%, 42%
CMY	0.8157, 0.5725, 0.5804
CMYK	0.57, 0.00, 0.02, 0.57
HSL	178°, 40%, 31%
HSV	178°, 57%, 43%
XYZ	9.2948, 12.6032, 15.8527
YIQ	90.2340, -36.3100, -13.7660

Conversions

Conversions Part 2

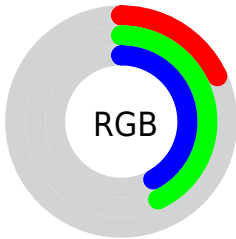
Format	Color
RYB	47, 79, 109
Decimal	3108203
CIELab	42.16, -20.33, -4.94
CIElCh	42, 20.920, 193.661
Yxy	12.6032, 0.2462, 0.3339
Android (android.graphics.Color)	4281298283 (0xFF2F6D6B)
YUV	90.2340, 8.2656, -37.9162
Hunter-Lab	35.5009, -15.3921, -1.6249

Details

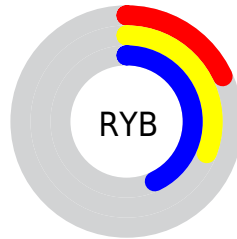
The Hex color **2F6D6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D2F31**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **64A19E**, and **003D3C** is the 20% darker color. If you saturate the color by 10%, you get **246D6B**, and if you desaturate by 10%, it is **3A6D6B**.

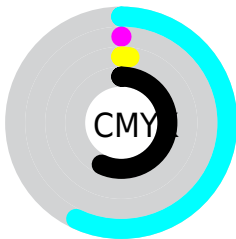
Distribution



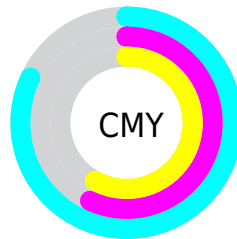
- Red (18%)
- Green (43%)
- Blue (42%)



- Red (18%)
- Yellow (31%)
- Blue (43%)



- Cyan (57%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



- Cyan (82%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6D6B 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 2F6D6B by changing the saturation by 10% instead.



2F6D6B



2F6D6B

FFFFFF



115453



64A19E



003D3C



7EBCB9



002726



99D8D5



000F12



B5F4F1



000000



D1FFFF



EEFFFF



2F6D6B



2F6D6B



246D6B



3A6D6B

196D6A

456D6C

0E6D6A

506D6C

036D6A

5B6D6C

006D69

666D6D

706D6D

7B6D6D

866D6E

916D6E

Harmonies

Analogous

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



406C59



2F6D6B



2D6C7B

Triad

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



2F6D6B



705C7D



785F43

Complementary

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



2F6D6B



6D2F31

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.



835A4C



2F6D6B



80586E

Square

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



2F6D6B



596285



86575C



686542

Rectangle

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



2F6D6B



376982



86575C



7C5D45

Sweetspot

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



2F6D6B



778F8E



316D2F



394747



C7C7C7



474747

Same Dimension

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



2F6D6B



2E8F8C



2F506D



303635



007572



00F5ED

Inverse Universe

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



6D2F31



8F2E31



6D4C2F



363030



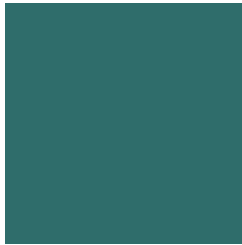
750004



F50008

Previews

White Background



This preview shows how the Hex color 2F6D6B looks on a white background.

Color Contrast Check

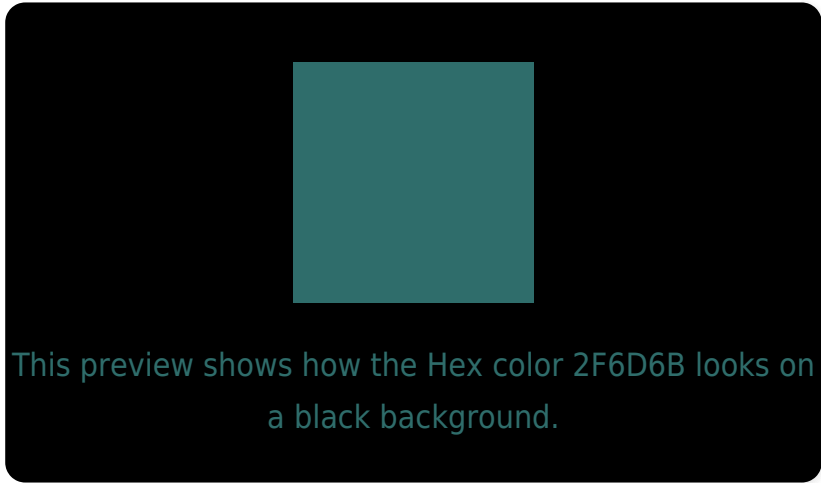
Large Text (above 18pt) WCAG AA ✓ Pass

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

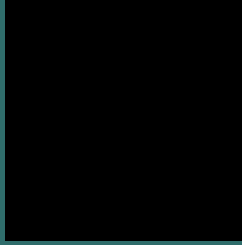
Any Text WCAG AA × Fail

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 2F6D6B Background



This preview shows how black text looks on a background with the Hex color 2F6D6B.



This preview shows how white text looks on a background with the Hex color 2F6D6B.

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
2F6D6B

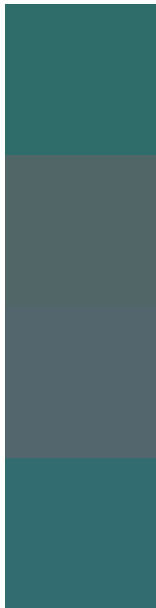
Protanopia
646265

Deuteranopia
68606E



Tritanopia
336C74

Trichromacy



Original Color
2F6D6B

Protanomaly
516667

Deuteranomaly
53656D

Tritanomaly
326C71

Monochromacy



Original Color
2F6D6B

Achromatopsia
5A5A5A

Achromatomaly
4A6160

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6D6B 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 #2F6D6B looks like.

```
.text, #text, p{  
    color:#2F6D6B  
}
```

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 #2F6D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6D6B
}
```

Border

The CSS property to change the border of an element to Hex 2F6D6B 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
#2F6D6B }
```

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

```
.border{ border-color:#2F6D6B }
```

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

Here you see how a box with a 4 pixel #2F6D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6D6B; -webkit-box-shadow:4px 4px  
4px 4px #2F6D6B; box-shadow:4px 4px 4px  
4px #2F6D6B }
```

Background

The CSS property to change the background color of an element to Hex 2F6D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6D6B }
```

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

```
.background{ background-color:#2F6D6B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor