

Converting Colors

Hex(2F6762)

Have a look what the booklet for
Hex(2F6762) contains.

Hex(2F6762)	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(2F6762)

Conversions

Conversions Part 1

Format	Color
Hex	2F6762
RGB	47, 103, 98
RGB Percent	18%, 40%, 38%
CMY	0.8157, 0.5961, 0.6157
CMYK	0.54, 0.00, 0.05, 0.60
HSL	175°, 37%, 29%
HSV	175°, 54%, 40%
XYZ	8.2271, 11.1867, 13.2809
YIQ	85.6860, -31.7710, -13.4270

Conversions

Conversions Part 2

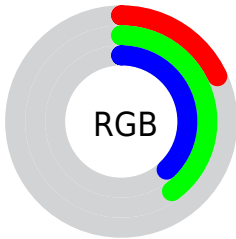
Format	Color
RYB	47, 76, 103
Decimal	3106658
CIELab	39.89, -19.74, -2.82
CIElCh	40, 19.942, 188.127
Yxy	11.1867, 0.2516, 0.3422
Android (android.graphics.Color)	4281296738 (0xFF2F6762)
YUV	85.6860, 6.0708, -33.9276
Hunter-Lab	33.4465, -14.6241, -0.1303




Details

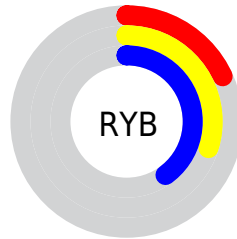
The Hex color **2F6762** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **672F34**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **629A95**, and **003834** is the 20% darker color. If you saturate the color by 10%, you get **256761**, and if you desaturate by 10%, it is **396763**.

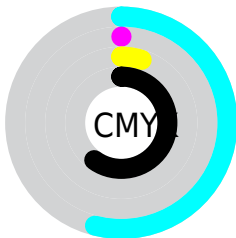
Distribution







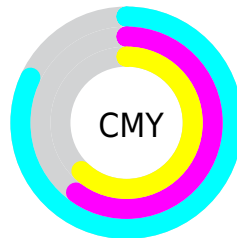
-  Red (18%)
-  Green (40%)
-  Blue (38%)






-  Red (18%)
-  Yellow (30%)
-  Blue (40%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (60%)



-  Cyan (82%)
-  Magenta (60%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6762 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 2F6762 by changing the saturation by 10% instead.



2F6762



2F6762

FFFFFF



134F4A



629A95



003834



7DB5AF



00221F



97D1CB



000006



B3EDE7



000000



CFFFFFF



ECFFFF



2F6762



2F6762



256761



396763

■ 1A6760

■ 446764

■ 10675F

■ 4E6765

■ 06675E

■ 586766

■ 00675E

■ 636767

■ 6D6768

■ 776768

■ 816769

■ 8C676A

Harmonies

Analogous

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



406651



2F6762



296671

Triad

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



2F6762



665878



745940

Complementary

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



2F6762



672F34

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.



7D544B



2F6762



76536A

Square

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



2F6762



4F5E7E



7E525A



655E3E

Rectangle

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



2F6762



316479



7E525A



775743

Sweetspot

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



2F6762



728785



35672F



384544



C4C4C4



454545

Same Dimension

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



2F6762



2F877F



2F5167



2E3333



007369



00F2DD

Inverse Universe

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



672F34



872F37



67452F



332E2E



73000A



F20016

Previews

White Background



This preview shows how the Hex color 2F6762 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

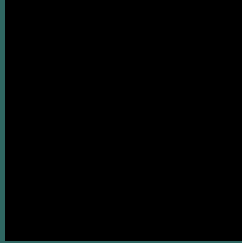
Any Text WCAG AA × Fail

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 2F6762 Background



This preview shows how black text looks on a background with the Hex color 2F6762.



This preview shows how white text looks on a background with the Hex color 2F6762.

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
2F6762

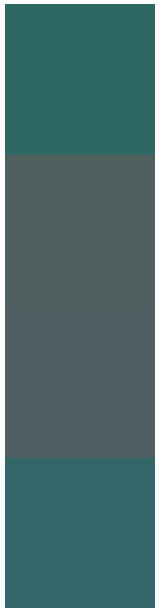
Protanopia
5F5D5C

Deuteranopia
635B65



Tritanopia
33656D

Trichromacy



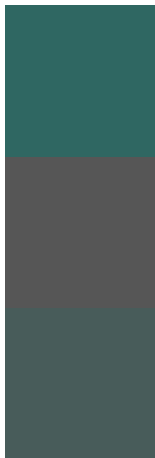
Original Color
2F6762

Protanomaly
4E615E

Deuteranomaly
505F64

Tritanomaly
326669

Monochromacy



Original Color
2F6762

Achromatopsia
565656

Achromatomaly
485C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6762 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 #2F6762 looks like.

```
.text, #text, p{  
    color:#2F6762  
}
```

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 #2F6762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6762
}
```

Border

The CSS property to change the border of an element to Hex 2F6762 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
#2F6762 }
```

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

```
.border{ border-color:#2F6762 }
```

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

Here you see how a box with a 4 pixel #2F6762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6762; -webkit-box-shadow:4px 4px  
4px 4px #2F6762; box-shadow:4px 4px 4px  
4px #2F6762 }
```

Background

The CSS property to change the background color of an element to Hex 2F6762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6762 }
```

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

```
.background{ background-color:#2F6762 }
```

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