

Converting Colors

Hex(2F714F)

Have a look what the booklet for
Hex(2F714F) contains.

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Color

Hex(2F714F)

Conversions

Conversions Part 1

Format	Color
Hex	2F714F
RGB	47, 113, 79
RGB Percent	18%, 44%, 31%
CMY	0.8157, 0.5569, 0.6902
CMYK	0.58, 0.00, 0.30, 0.56
HSL	149°, 41%, 31%
HSV	149°, 58%, 44%
XYZ	8.4887, 12.9791, 9.4550
YIQ	89.3900, -28.4220, -24.5660

Conversions

Conversions Part 2

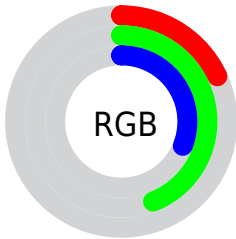
Format	Color
R_{YB}	47, 91, 113
Decimal	3109199
CIE _{Lab}	42.73, -29.66, 12.70
CIE _{LCh}	43, 32.261, 156.824
Yxy	12.9791, 0.2745, 0.4197
Android (android.graphics.Color)	4281299279 (0xFF2F714F)
YUV	89.3900, -5.1223, -37.1760
Hunter-Lab	36.0265, -20.9876, 9.6583




Details

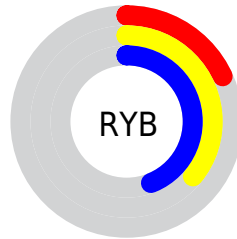
The Hex color **2F714F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **712F51**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **63A580**, and **004022** is the 20% darker color. If you saturate the color by 10%, you get **247149**, and if you desaturate by 10%, it is **3A7155**.

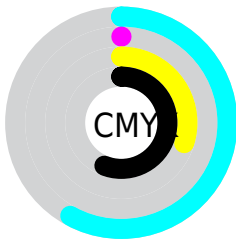
Distribution







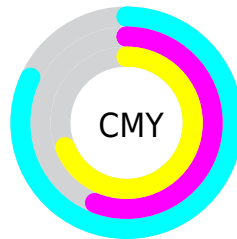
-  Red (18%)
-  Green (44%)
-  Blue (31%)






-  Red (18%)
-  Yellow (36%)
-  Blue (44%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (30%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (56%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F714F 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 2F714F by changing the saturation by 10% instead.

■ 2F714F

■ 2F714F

FFFFFF

■ 125838

■ 63A580

■ 004022

■ 7DC19A

■ 002A0D

■ 98DDB5

■ 001100

■ B4F9D1

■ 000000

■ D0FFED

■ EDFFFF

■ 2F714F

■ 2F714F

■ 247149

■ 3A7155

■ 187143

■ 46715B

■ 0D713E

■ 517160

■ 027138

■ 5C7166

■ 007137

■ 68716C

■ 737172

■ 7E7178

■ 89717E

■ 957183

Harmonies

Analogous

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



536D39



2F714F



00736A

Triad

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



2F714F



44669A



945346

Complementary

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



2F714F



712F51

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.



974F60



2F714F



6F5C90

Square

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



2F714F



006D95



8B527A



865C34

Rectangle

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



2F714F



00727C



8B527A



97514E

Sweetspot

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



2F714F



799486



51712F



3A4A42



C9C9C9



4A4A4A

Same Dimension

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



2F714F



2C945F



2F7170



323835



00783A



00F778

Inverse Universe

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



712F51



942C62



712F30



383235



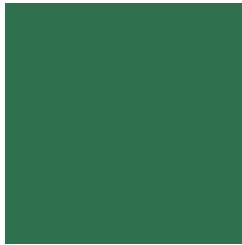
78003E



F7007F

Previews

White Background



This preview shows how the Hex color 2F714F looks on a white background.

Color Contrast Check

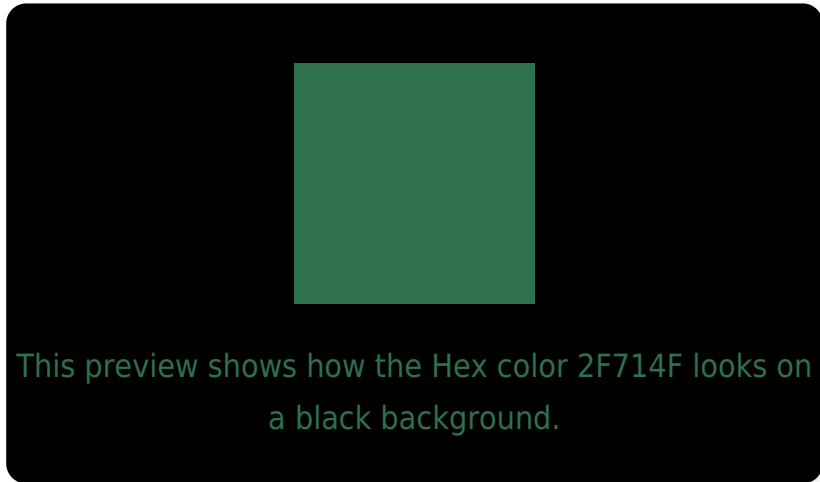
Large Text (above 18pt) WCAG AA ✓ Pass

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

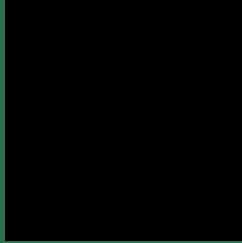
Any Text WCAG AA × Fail

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 2F714F Background



This preview shows how black text looks on a background with the Hex color 2F714F.



This preview shows how white text looks on a background with the Hex color 2F714F.

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
2F714F

Protanopia
6C6449

Deuteranopia
746053



Tritanopia
3B6C75

Trichromacy



Original Color
2F714F

Protanomaly
56694B

Deuteranomaly
5B6652

Tritanomaly
376E67

Monochromacy



Original Color
2F714F

Achromatopsia
595959

Achromatomaly
4A6255

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F714F 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 #2F714F looks like.

```
.text, #text, p{  
    color:#2F714F  
}
```

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 #2F714F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F714F
}
```

Border

The CSS property to change the border of an element to Hex 2F714F 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
#2F714F }
```

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

```
.border{ border-color:#2F714F }
```

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

Here you see how a box with a 4 pixel #2F714F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F714F; -webkit-box-shadow:4px 4px  
4px 4px #2F714F; box-shadow:4px 4px 4px  
4px #2F714F }
```

Background

The CSS property to change the background color of an element to Hex 2F714F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F714F }
```

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

```
.background{ background-color:#2F714F }
```

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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