

Converting Colors

Hex(2F876C)

Have a look what the booklet for
Hex(2F876C) contains.

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Color

Hex(2F876C)

Conversions

Conversions Part 1

Format	Color
Hex	2F876C
RGB	47, 135, 108
RGB Percent	18%, 53%, 42%
CMY	0.8157, 0.4706, 0.5765
CMYK	0.65, 0.00, 0.20, 0.47
HSL	162°, 48%, 36%
HSV	162°, 65%, 53%
XYZ	12.5430, 19.0150, 17.1965
YIQ	105.6100, -43.7810, -27.0530

Conversions

Conversions Part 2

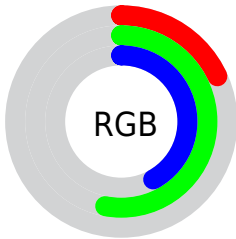
Format	Color
RYB	47, 99, 135
Decimal	3114860
CIELab	50.70, -32.96, 6.90
CIElCh	51, 33.674, 168.175
Yxy	19.0150, 0.2573, 0.3900
Android (android.graphics.Color)	4281304940 (0xFF2F876C)
YUV	105.6100, 1.1783, -51.4010
Hunter-Lab	43.6062, -24.9665, 7.1427

Details

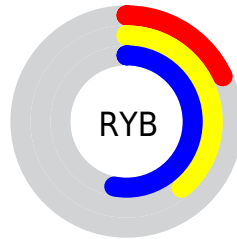
The Hex color **2F876C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **872F4A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **67BD9F**, and **00543D** is the 20% darker color. If you saturate the color by 10%, you get **228768**, and if you desaturate by 10%, it is **3D8770**.

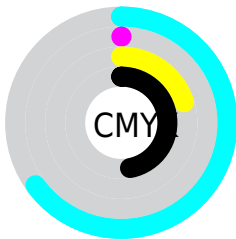
Distribution



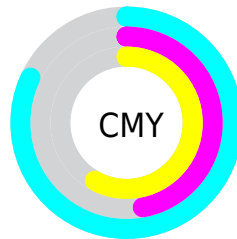
- Red (18%)
- Green (53%)
- Blue (42%)



- Red (18%)
- Yellow (39%)
- Blue (53%)



- Cyan (65%)
- Magenta (0%)
- Yellow (20%)
- Black (47%)



- Cyan (82%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F876C 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 2F876C by changing the saturation by 10% instead.



2F876C



2F876C

FFFFFF



086D54



67BD9F



00543D



83D9BA



003D27



9FF6D6



002712



BBFFF2



000500



D8FFFF



000000



F5FFFF



2F876C



2F876C



228768



3D8770

■ 148764

■ 4A8774

■ 078760

■ 588778

■ 00875E

■ 65877D

■ 738781

■ 808785

■ 8E8789

■ 9B878D

■ A98791

Harmonies

Analogous

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



598351



2F876C



00888A

Triad

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



2F876C



6A76AF



A8694F

Complementary

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



2F876C



872F4A

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.



B06268



2F876C



916B9F

Square

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



2F876C



327FB0



A96385



957340

Rectangle

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



2F876C



00869B



A96385



AC6657

Sweetspot

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



2F876C



8DB0A5



4B872F



445953



D9D9D9



595959

Same Dimension

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



2F876C



27B086



2F7787



3C4240



00825A



000302

Inverse Universe

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



872F4A



B02751



873F2F



423C3E



820028



030001

Previews

White Background



This preview shows how the Hex color 2F876C looks on a white background.

Color Contrast Check

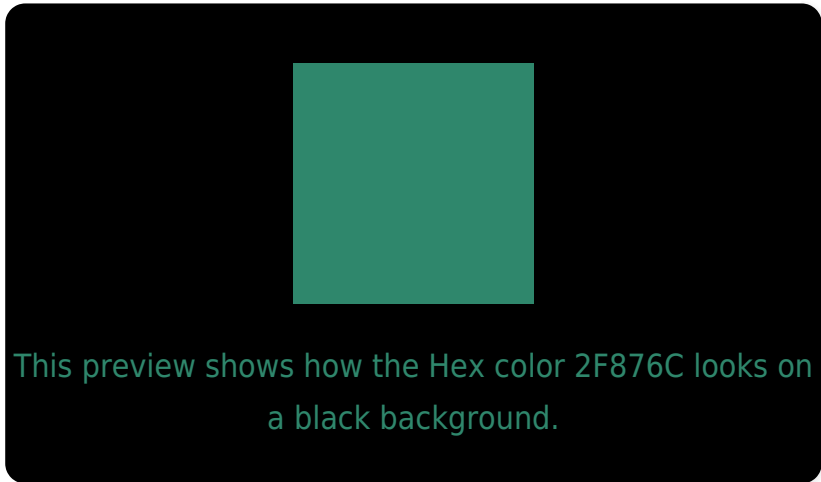
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

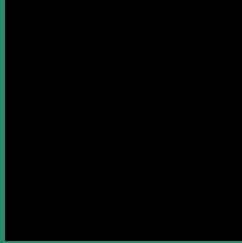
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2F876C Background



This preview shows how black text looks on a background with the Hex color 2F876C.



This preview shows how white text looks on a background with the Hex color 2F876C.

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
2F876C

Protanopia
7F7864

Deuteranopia
867470



Tritanopia
3C828D

Trichromacy



Original Color
2F876C

Protanomaly
627D67

Deuteranomaly
667B6F

Tritanomaly
378481

Monochromacy



Original Color
2F876C

Achromatopsia
6A6A6A

Achromatomaly
55756B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F876C 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 #2F876C looks like.

```
.text, #text, p{  
    color:#2F876C  
}
```

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 #2F876C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F876C
}
```

Border

The CSS property to change the border of an element to Hex 2F876C 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
#2F876C }
```

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

```
.border{ border-color:#2F876C }
```

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

Here you see how a box with a 4 pixel #2F876C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F876C; -webkit-box-shadow:4px 4px  
4px 4px #2F876C; box-shadow:4px 4px 4px  
4px #2F876C }
```

Background

The CSS property to change the background color of an element to Hex 2F876C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F876C }
```

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

```
.background{ background-color:#2F876C }
```

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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