

Converting Colors

Hex(2F917A)

Have a look what the booklet for
Hex(2F917A) contains.

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Color

Hex(2F917A)

Conversions

Conversions Part 1

Format	Color
Hex	2F917A
RGB	47, 145, 122
RGB Percent	18%, 57%, 48%
CMY	0.8157, 0.4314, 0.5216
CMYK	0.68, 0.00, 0.16, 0.43
HSL	166°, 51%, 38%
HSV	166°, 68%, 57%
XYZ	14.8105, 22.2603, 21.9284
YIQ	113.0760, -51.0250, -27.9290

Conversions

Conversions Part 2

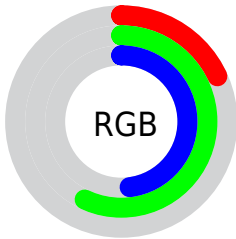
Format	Color
RYB	47, 103, 145
Decimal	3117434
CIELab	54.30, -33.97, 3.98
CIElCh	54, 34.199, 173.319
Yxy	22.2603, 0.2510, 0.3773
Android (android.graphics.Color)	4281307514 (0xFF2F917A)
YUV	113.0760, 4.3995, -57.9487
Hunter-Lab	47.1808, -26.5334, 5.4701

Details

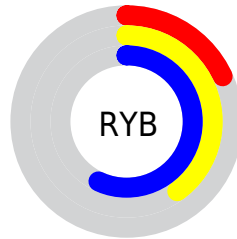
The Hex color **2F917A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **912F46**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6AC7AE**, and **005E49** is the 20% darker color. If you saturate the color by 10%, you get **209177**, and if you desaturate by 10%, it is **3D917D**.

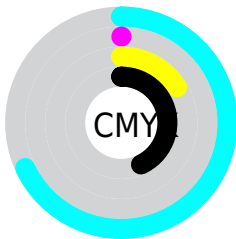
Distribution



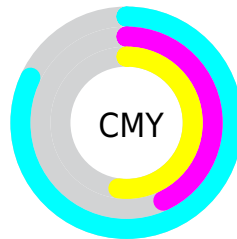
- Red (18%)
- Green (57%)
- Blue (48%)



- Red (18%)
- Yellow (40%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (16%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F917A 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 2F917A by changing the saturation by 10% instead.



2F917A



2F917A

FFFFFF



027761



6AC7AE



005E49



86E4CA



004533



A2FFE6



002E1E



BEFFFF



001805



DCFFFF



000000



F9FFFF



2F917A



2F917A



209177



3D917D

■ 129173

■ 4C9181

■ 039170

■ 5B9184

■ 00916F

■ 699188

■ 77918B

■ 86918E

■ 949192

■ A39195

■ B19199

Harmonies

Analogous

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



5B8E5E



2F917A



009198

Triad

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



2F917A



7B7DB8



B07354

Complementary

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



2F917A



912F46

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.



BB6C6C



2F917A



A172A5

Square

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



2F917A



4787BC



B66B8A



9B7E47

Rectangle

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



2F917A



008FA9



B66B8A



B5705B

Sweetspot

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



2F917A



97BDB4



48912F



485E59



DEDEDE



5E5E5E

Same Dimension

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



2F917A



24BD99



2F7991



404746



008767



000806

Inverse Universe

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



912F46



BD2448



91482F



474042



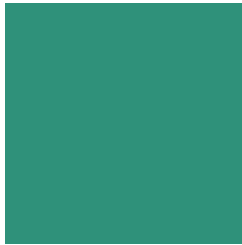
870020



080002

Previews

White Background



This preview shows how the Hex color 2F917A looks on a white background.

Color Contrast Check

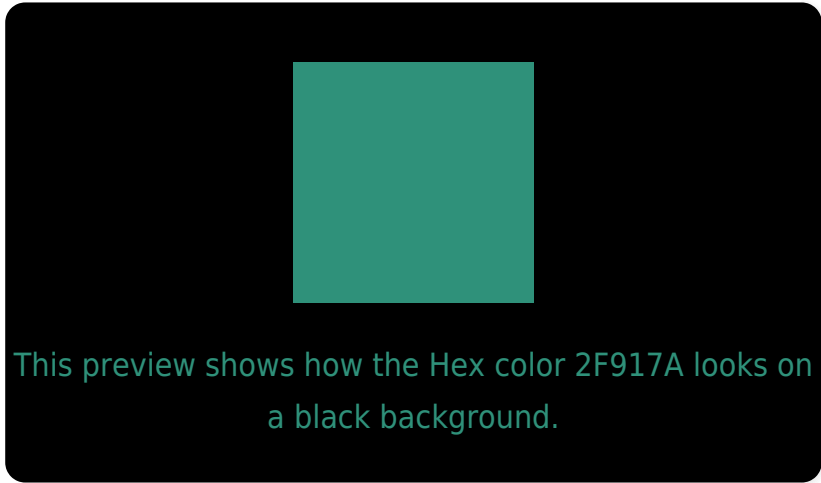
Large Text (above 18pt) WCAG AA ✓ Pass

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

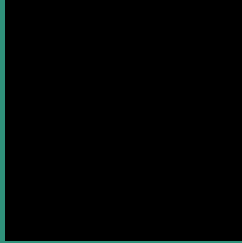
Any Text WCAG AA ✓ Pass

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 2F917A Background



This preview shows how black text looks on a background with the Hex color 2F917A.



This preview shows how white text looks on a background with the Hex color 2F917A.

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](#).

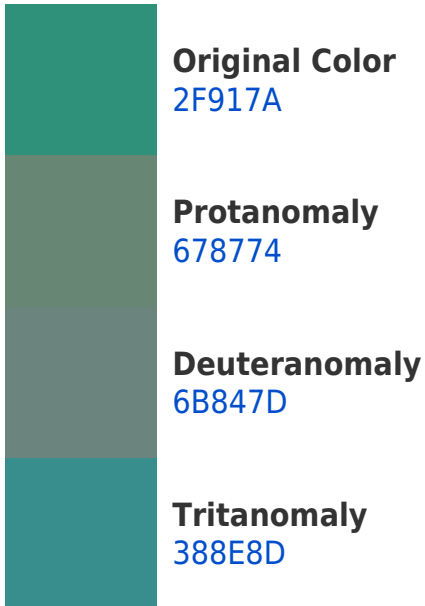
Dichromacy



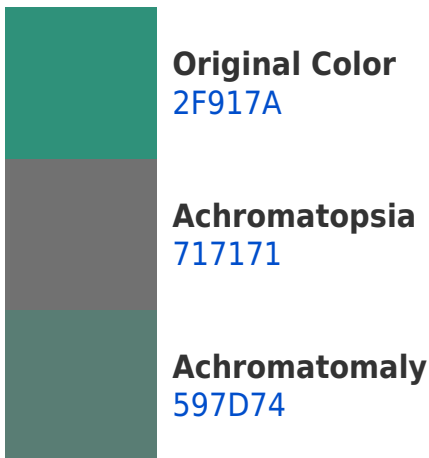


Tritanopia
3D8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F917A 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 #2F917A looks like.

```
.text, #text, p{  
    color:#2F917A  
}
```

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 #2F917A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F917A
}
```

Border

The CSS property to change the border of an element to Hex 2F917A 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
#2F917A }
```

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

```
.border{ border-color:#2F917A }
```

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

Here you see how a box with a 4 pixel #2F917A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F917A; -webkit-box-shadow:4px 4px  
4px 4px #2F917A; box-shadow:4px 4px 4px  
4px #2F917A }
```

Background

The CSS property to change the background color of an element to Hex 2F917A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F917A }
```

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

```
.background{ background-color:#2F917A }
```

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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