

Converting Colors

Hex(2F9478)

Have a look what the booklet for
Hex(2F9478) contains.

Hex(2F9478)	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(2F9478)

Conversions

Conversions Part 1

Format	Color
Hex	2F9478
RGB	47, 148, 120
RGB Percent	18%, 58%, 47%
CMY	0.8157, 0.4196, 0.5294
CMYK	0.68, 0.00, 0.19, 0.42
HSL	163°, 52%, 38%
HSV	163°, 68%, 58%
XYZ	15.1524, 23.1402, 21.4372
YIQ	114.6090, -51.2080, -30.1200

Conversions

Conversions Part 2

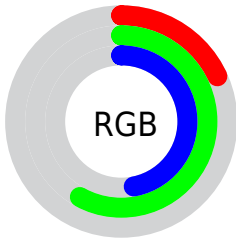
Format	Color
RYB	47, 106, 148
Decimal	3118200
CIELab	55.22, -35.85, 6.44
CIELCh	55, 36.428, 169.822
Yxy	23.1402, 0.2537, 0.3874
Android (android.graphics.Color)	4281308280 (0xFF2F9478)
YUV	114.6090, 2.6578, -59.2931
Hunter-Lab	48.1043, -27.9568, 7.2510

Details

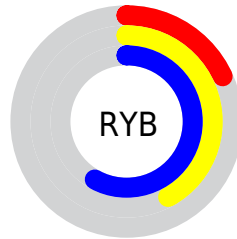
The Hex color **2F9478** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **942F4B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6ACBAC**, and **006048** is the 20% darker color. If you saturate the color by 10%, you get **209474**, and if you desaturate by 10%, it is **3E947C**.

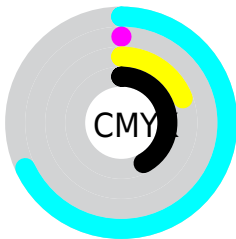
Distribution



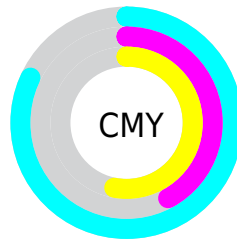
- Red (18%)
- Green (58%)
- Blue (47%)



- Red (18%)
- Yellow (42%)
- Blue (58%)



- Cyan (68%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)



- Cyan (82%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F9478 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 2F9478 by changing the saturation by 10% instead.

 2F9478

 2F9478

FFFFFF

 007A5F

 6ACBAC

 006048

 86E7C8

 004831

 A2FFE4

 00301C

 BFFFFFF

 001B02

 DCFFFF

 000000

 FAFFFF

 2F9478

 2F9478

 209474

 3E947C

■ 119470

■ 4D9480

■ 03946C

■ 5B9484

■ 00946B

■ 6A9488

■ 79948D

■ 889491

■ 979495

■ A59499

■ B4949D

Harmonies

Analogous

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



5F905A



2F9478



009599

Triad

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



2F9478



7780BF



B77355

Complementary

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



2F9478



942F4B

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.



C16C70



2F9478



A174AD

Square

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



2F9478



3A8BC2



BA6C90



A17F45

Rectangle

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



2F9478



0093AC



BA6C90



BC705D

Sweetspot

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



2F9478



99BFB5



4C942F



4A615A



E0E0E0



616161

Same Dimension

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



2F9478



22BF94



2F7E94



434A48



008A64



000A07

Inverse Universe

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



942F4B



BF224E



94452F



4A4345



8A0026



0A0003

Previews

White Background



This preview shows how the Hex color 2F9478 looks on a white background.

Color Contrast Check

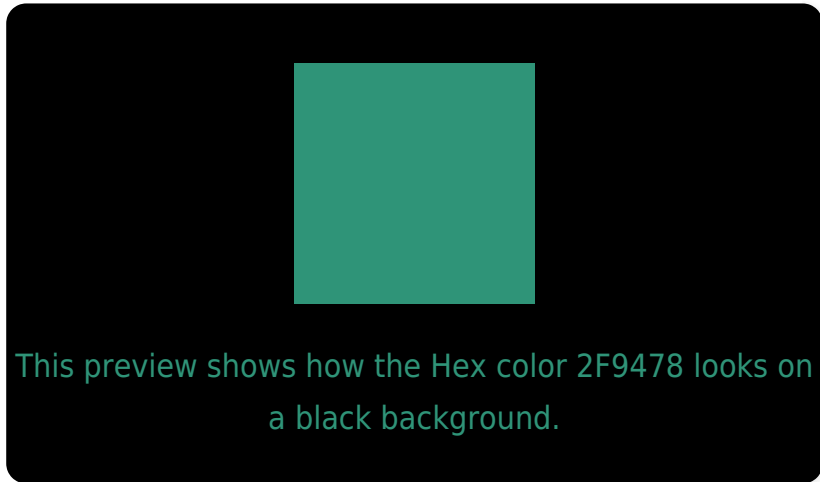
Large Text (above 18pt) WCAG AA ✓ Pass

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

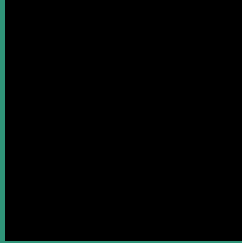
Any Text WCAG AA ✓ Pass

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 2F9478 Background



This preview shows how black text looks on a background with the Hex color 2F9478.

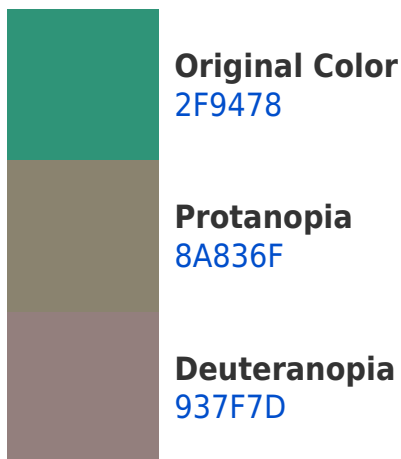


This preview shows how white text looks on a background with the Hex color 2F9478.

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
3E8F9B

Trichromacy



Original Color
2F9478



Protanomaly
698972



Deuteranomaly
6F877B



Tritanomaly
39918E

Monochromacy



Original Color
2F9478



Achromatopsia
737373



Achromatomaly
5A7F75

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F9478 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 #2F9478 looks like.

```
.text, #text, p{  
    color:#2F9478  
}
```

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 #2F9478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9478
}
```

Border

The CSS property to change the border of an element to Hex 2F9478 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
#2F9478 }
```

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

```
.border{ border-color:#2F9478 }
```

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

Here you see how a box with a 4 pixel #2F9478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9478; -webkit-box-shadow:4px 4px  
4px 4px #2F9478; box-shadow:4px 4px 4px  
4px #2F9478 }
```

Background

The CSS property to change the background color of an element to Hex 2F9478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9478 }
```

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

```
.background{ background-color:#2F9478 }
```

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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