

# Converting Colors

Hex(2F9141)

Have a look what the booklet for  
Hex(2F9141) contains.

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**Color**

**Hex(2F9141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F9141
RGB	47, 145, 65
RGB Percent	18%, 57%, 25%
CMY	0.8157, 0.4314, 0.7451
CMYK	0.68, 0.00, 0.55, 0.43
HSL	131°, 51%, 38%
HSV	131°, 68%, 57%
XYZ	12.2518, 21.2368, 8.4544
YIQ	106.5780, -32.7280, -45.6560

# Conversions

## Conversions Part 2

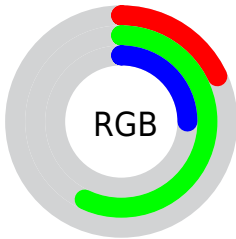
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 130, 145
Decimal	3117377
CIELab	53.21, -45.73, 34.00
CIElCh	53, 56.987, 143.372
Yxy	21.2368, 0.2921, 0.5063
Android (android.graphics.Color)	4281307457 (0xFF2F9141)
YUV	106.5780, -20.4980, -52.2499
Hunter-Lab	46.0834, -33.1896, 21.3811

# Details

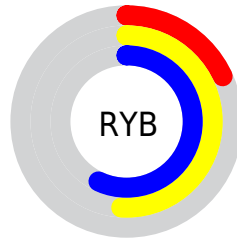
The Hex color **2F9141** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **912F7F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **69C873**, and **005D10** is the 20% darker color. If you saturate the color by 10%, you get **209135**, and if you desaturate by 10%, it is **3D914D**.

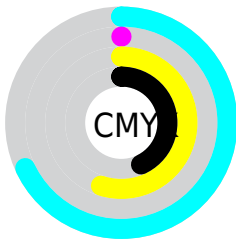
# Distribution



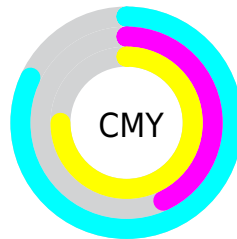
- Red (18%)
- Green (57%)
- Blue (25%)



- Red (18%)
- Yellow (51%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (55%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F9141 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 2F9141 by changing the saturation by 10% instead.





2F9141



2F9141

FFFFFF



027729



69C873



005D10



85E48D



004500



A2FFA8



002E00



BEFFC3



001300



DBFFE0



000000



F9FFFC



2F9141



2F9141



209135



3D914D

■ 129129

■ 4C9159

■ 03911D

■ 5B9165

■ 00911B

■ 699170

■ 77917C

■ 869188

■ 949194

■ A391A0

■ B191AC

# Harmonies

## Analogous

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



728817



2F9141



009572

# Triad

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



2F9141



0088E1



D6535B

# Complementary

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



2F9141



912F7F

# 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.



D1508C



2F9141



6A77DA

# Square

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



2F9141



0092CD



B061BA



C46530

# Rectangle

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



2F9141



009694



B061BA



D84F6B



# Sweetspot

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



2F9141



97BD9E



7F912F



485E4C



DEDEDE



5E5E5E



# Same Dimension

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



2F9141



24BD40



2F9172



404742



008719



000801



# Inverse Universe

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



912F7F



BD24A1



912F4E



474046



87006E



080006



# Previews

## White Background



This preview shows how the Hex color 2F9141 looks on a white background.

## Color Contrast Check

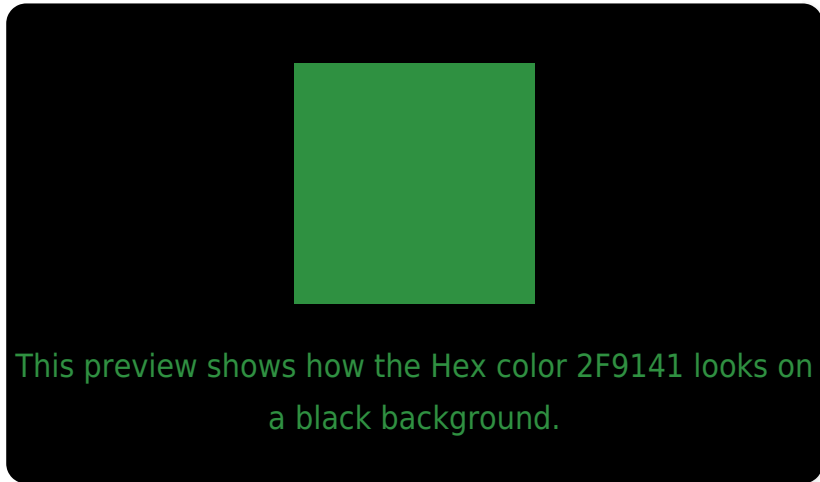
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F9141 Background



This preview shows how black text looks on a background with the Hex color 2F9141.



This preview shows how white text looks on a background with the Hex color 2F9141.

# 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**  
2F9141

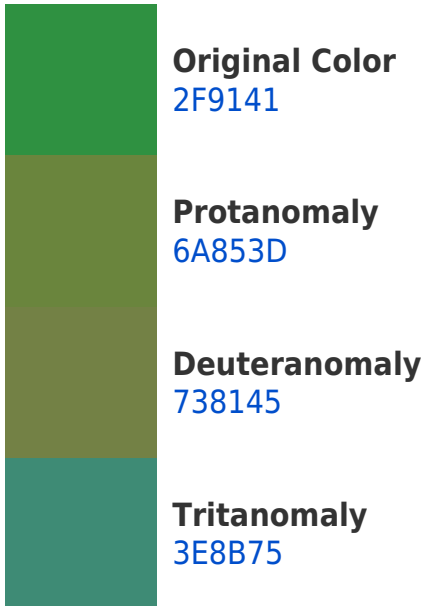
**Protanopia**  
8C7E3B

**Deuteranopia**  
9A7848

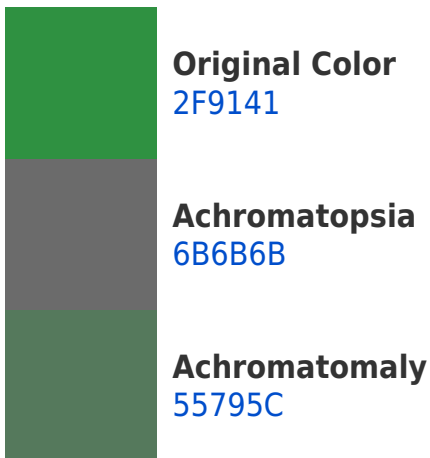


**Tritanopia**  
478893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F9141 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 #2F9141 looks like.

```
.text, #text, p{  
    color:#2F9141  
}
```

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 #2F9141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9141
}
```

## Border

The CSS property to change the border of an element to Hex 2F9141 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
#2F9141 }
```

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

```
.border{ border-color:#2F9141 }
```

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

Here you see how a box with a 4 pixel #2F9141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9141; -webkit-box-shadow:4px 4px  
4px 4px #2F9141; box-shadow:4px 4px 4px  
4px #2F9141 }
```

# Background

The CSS property to change the background color of an element to Hex 2F9141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9141 }
```

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

```
.background{ background-color:#2F9141 }
```

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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