

# Converting Colors

Hex(2D9C40)

Have a look what the booklet for  
Hex(2D9C40) contains.

<b>Hex(2D9C40)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(2D9C40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D9C40
RGB	45, 156, 64
RGB Percent	18%, 61%, 25%
CMY	0.8235, 0.3882, 0.7490
CMYK	0.71, 0.00, 0.59, 0.39
HSL	130°, 55%, 39%
HSV	130°, 71%, 61%
XYZ	13.8961, 24.7050, 8.8866
YIQ	112.3230, -36.6240, -52.1440

# Conversions

## Conversions Part 2

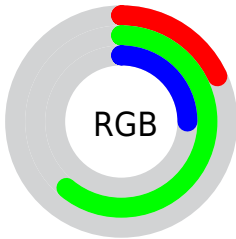
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 140, 156
Decimal	2989120
CIELab	56.79, -50.33, 38.74
CIELCh	57, 63.516, 142.415
Yxy	24.7050, 0.2926, 0.5202
Android (android.graphics.Color)	4281179200 (0xFF2D9C40)
YUV	112.3230, -23.8232, -59.0423
Hunter-Lab	49.7041, -37.0779, 24.1924

# Details

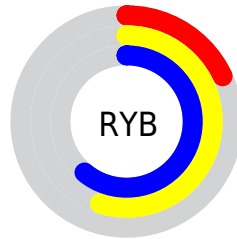
The Hex color **2D9C40** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9C2D89**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6AD473**, and **00670C** is the 20% darker color. If you saturate the color by 10%, you get **1D9C33**, and if you desaturate by 10%, it is **3D9C4D**.

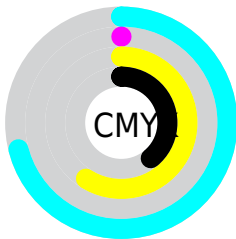
# Distribution



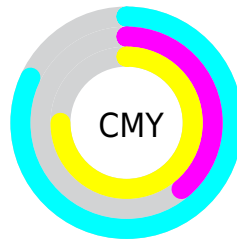
- Red (18%)
- Green (61%)
- Blue (25%)



- Red (18%)
- Yellow (55%)
- Blue (61%)



- Cyan (71%)
- Magenta (0%)
- Yellow (59%)
- Black (39%)



- Cyan (82%)
- Magenta (39%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D9C40 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 2D9C40 by changing the saturation by 10% instead.





2D9C40



2D9C40

FFFFFF



008127



6AD473



00670C



87F08D



004E00



A4FFA8



003600



C1FFC4



002000



DEFFE0



000000



FCFFFD



2D9C40



2D9C40



1D9C33



3D9C4D

■ 0E9C26

■ 4C9C5A

■ 009C1B

■ 5C9C67

■ 6B9C74

■ 7B9C81

■ 8B9C8E

■ 9A9C9B

■ AA9CA7

■ B99CB4

# Harmonies

## Analogous

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



7B9209



2D9C40



00A178

# Triad

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



2D9C40



0093F6



EA5462

# Complementary

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



2D9C40



9C2D89

# 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.



E45199



2D9C40



6B80EF

# Square

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



2D9C40



009EDF



BD66CD



D66A30

# Rectangle

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



2D9C40



00A29E



BD66CD



EB5074



# Sweetspot

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



2D9C40



A1CCA8



8A9C2D



4D6651



E6E6E6



666666



# Same Dimension

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



2D9C40



1FCC3C



2D9C77



474F48



008F18



000F03



# Inverse Universe

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



9C2D89



CC1FAE



9C2D52



4F474E



8F0076



0F000D



# Previews

## White Background



This preview shows how the Hex color 2D9C40 looks on a white background.

## Color Contrast Check

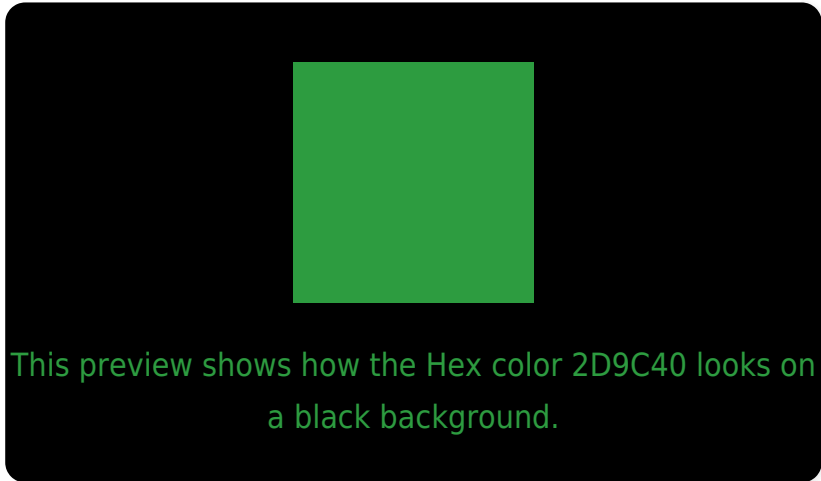
Large Text (above 18pt) WCAG AA ✓ Pass

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

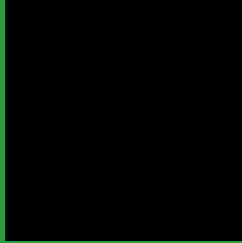
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2D9C40 Background



This preview shows how black text looks on a background with the Hex color 2D9C40.



This preview shows how white text looks on a background with the Hex color 2D9C40.

# 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**  
2D9C40

**Protanopia**  
96873A

**Deuteranopia**  
A68148



**Tritanopia**  
4A929E

# Trichromacy



**Original Color**  
2D9C40



**Protanomaly**  
708F3C



**Deuteranomaly**  
7A8B45



**Tritanomaly**  
3F967C

# Monochromacy



**Original Color**  
2D9C40



**Achromatopsia**  
707070



**Achromatomaly**  
58805F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D9C40 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 #2D9C40 looks like.

```
.text, #text, p{  
    color:#2D9C40  
}
```

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 #2D9C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9C40
}
```

## Border

The CSS property to change the border of an element to Hex 2D9C40 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
#2D9C40 }
```

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

```
.border{ border-color:#2D9C40 }
```

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

Here you see how a box with a 4 pixel #2D9C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9C40; -webkit-box-shadow:4px 4px  
4px 4px #2D9C40; box-shadow:4px 4px 4px  
4px #2D9C40 }
```

# Background

The CSS property to change the background color of an element to Hex 2D9C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9C40 }
```

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

```
.background{ background-color:#2D9C40 }
```

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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