

# Converting Colors

Hex(2D894B)

Have a look what the booklet for  
Hex(2D894B) contains.

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**Color**

**Hex(2D894B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D894B
RGB	45, 137, 75
RGB Percent	18%, 54%, 29%
CMY	0.8235, 0.4627, 0.7059
CMYK	0.67, 0.00, 0.45, 0.46
HSL	140°, 51%, 36%
HSV	140°, 67%, 54%
XYZ	11.2978, 18.9572, 9.7203
YIQ	102.4240, -34.9300, -38.7860

# Conversions

## Conversions Part 2

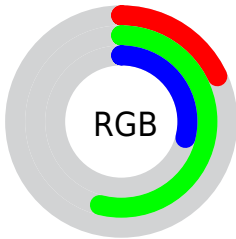
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 114, 137
Decimal	2984267
CIE <sub>Lab</sub>	50.64, -41.39, 25.51
CIE <sub>LCh</sub>	51, 48.615, 148.356
Yxy	18.9572, 0.2826, 0.4742
Android (android.graphics.Color)	4281174347 (0xFF2D894B)
YUV	102.4240, -13.5200, -50.3608
Hunter-Lab	43.5399, -29.8771, 17.2414

# Details

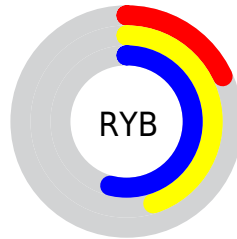
The Hex color **2D894B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **892D6B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **66BF7D**, and **00561D** is the 20% darker color. If you saturate the color by 10%, you get **1F8942**, and if you desaturate by 10%, it is **3B8954**.

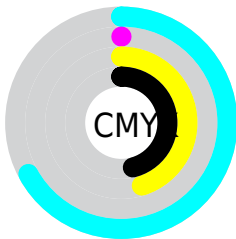
# Distribution



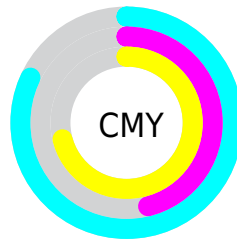
- Red (18%)
- Green (54%)
- Blue (29%)



- Red (18%)
- Yellow (45%)
- Blue (54%)



- Cyan (67%)
- Magenta (0%)
- Yellow (45%)
- Black (46%)



- Cyan (82%)
- Magenta (46%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D894B 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 2D894B by changing the saturation by 10% instead.



 2D894B

 2D894B

FFFFFF

 036F34

 66BF7D

 00561D

 82DB97

 003E06

 9DF8B2

 002800

 BAFFCD

 000400

 D7FFEA

 000000

 F4FFFF

 2D894B

 2D894B

 1F8942

 3B8954

■ 128939

■ 48895D

■ 04892F

■ 568967

■ 00892D

■ 648970

■ 728979

■ 7F8982

■ 8D898C

■ 9B8995

■ A8899E

# Harmonies

## Analogous

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



68822A



2D894B



008C75

# Triad

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



2D894B



007ECB



C25754

# Complementary

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



2D894B



892D6B

# 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.



C1537D



2D894B



756FC2

# Square

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



2D894B



0088BF



A95DA5



B06632

# Rectangle

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



2D894B



008D91



A95DA5



C45461



# Sweetspot

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



2D894B



8FB39A



6C892D



44594B



D9D9D9



595959



# Same Dimension

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



2D894B



22B351



2D8978



3E4540



00852B



000502



# Inverse Universe

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



892D6B



B32283



892D3E



453E43



850059



050003



# Previews

## White Background



This preview shows how the Hex color 2D894B looks on a white background.

## Color Contrast Check

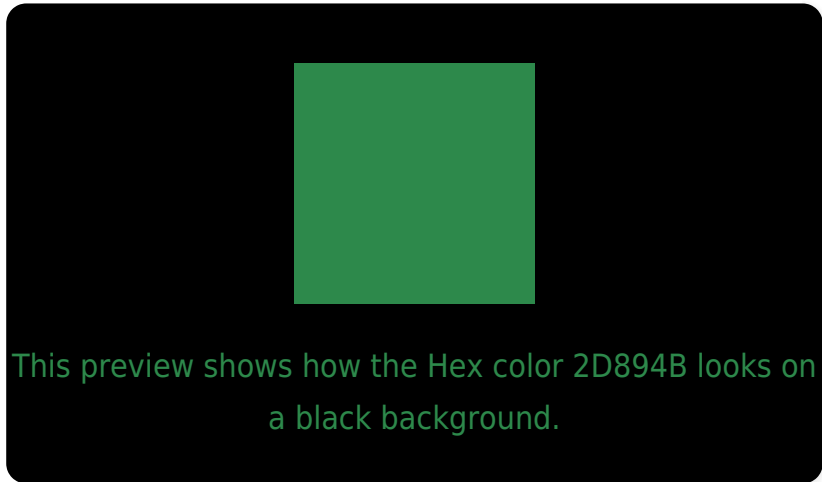
Large Text (above 18pt) WCAG AA ✓ Pass

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

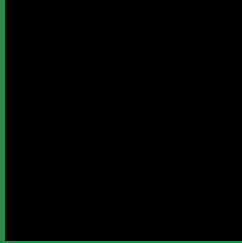
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2D894B Background



This preview shows how black text looks on a background with the Hex color 2D894B.



This preview shows how white text looks on a background with the Hex color 2D894B.

# 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**  
2D894B

**Protanopia**  
837845

**Deuteranopia**  
907350



**Tritanopia**  
42828C

# Trichromacy



**Original Color**  
2D894B



**Protanomaly**  
647E47



**Deuteranomaly**  
6C7B4E



**Tritanomaly**  
3A8574

# Monochromacy



**Original Color**  
2D894B



**Achromatopsia**  
666666



**Achromatomaly**  
51735C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D894B 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 #2D894B looks like.

```
.text, #text, p{  
    color:#2D894B  
}
```

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 #2D894B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D894B
}
```

## Border

The CSS property to change the border of an element to Hex 2D894B 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
#2D894B }
```

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

```
.border{ border-color:#2D894B }
```

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

Here you see how a box with a 4 pixel #2D894B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D894B; -webkit-box-shadow:4px 4px  
4px 4px #2D894B; box-shadow:4px 4px 4px  
4px #2D894B }
```

# Background

The CSS property to change the background color of an element to Hex 2D894B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D894B }
```

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

```
.background{ background-color:#2D894B }
```

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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