

# Converting Colors

Hex(2E905B)

Have a look what the booklet for  
Hex(2E905B) contains.

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# Color

Hex(2E905B)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E905B
RGB	46, 144, 91
RGB Percent	18%, 56%, 36%
CMY	0.8196, 0.4353, 0.6431
CMYK	0.68, 0.00, 0.37, 0.44
HSL	148°, 52%, 37%
HSV	148°, 68%, 56%
XYZ	12.9883, 21.2827, 13.3209
YIQ	108.6560, -41.3950, -37.2590

# Conversions

## Conversions Part 2

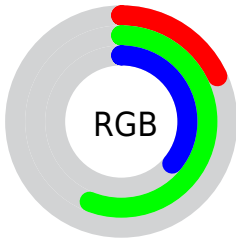
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 113, 144
Decimal	3051611
CIE <sub>Lab</sub>	53.26, -40.99, 20.12
CIE <sub>LCh</sub>	53, 45.659, 153.850
Yxy	21.2827, 0.2729, 0.4472
Android (android.graphics.Color)	4281241691 (0xFF2E905B)
YUV	108.6560, -8.7044, -54.9493
Hunter-Lab	46.1332, -30.4783, 15.1732

# Details

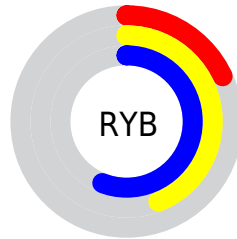
The Hex color **2E905B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **902E63**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **68C78E**, and **005C2C** is the 20% darker color. If you saturate the color by 10%, you get **209053**, and if you desaturate by 10%, it is **3C9063**.

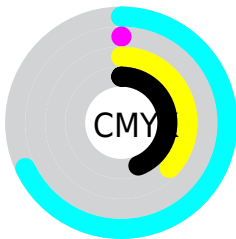
# Distribution



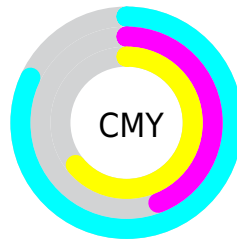
- Red (18%)
- Green (56%)
- Blue (36%)



- Red (18%)
- Yellow (44%)
- Blue (56%)



- Cyan (68%)
- Magenta (0%)
- Yellow (37%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E905B 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 2E905B by changing the saturation by 10% instead.



 2E905B

 2E905B

FFFFFF

 027643

 68C78E

 005C2C

 84E3A8

 004417

 A0FFC3

 002D00

 BCFFDF

 001400

 D9FFFC

 000000

 F7FFFF

 2E905B

 2E905B

 209053

 3C9063

■ 11904B

■ 4B906B

■ 039044

■ 599072

■ 009042

■ 68907A

■ 769082

■ 84908A

■ 939092

■ A19099

■ B090A1

# Harmonies

## Analogous

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



688A3B



2E905B



009383

# Triad

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



2E905B



3B82CE



C46256

# Complementary

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



2E905B



902E63

# 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.



C75C7C



2E905B



8873C1

# Square

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



2E905B



008CC5



B364A3



B17138

# Rectangle

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



2E905B



00929E



B364A3



C75F62



# Sweetspot

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



2E905B



95BAA6



64902E



485E52



DEDEDE



5E5E5E



# Same Dimension

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



2E905B



22BA68



2E908B



404744



00873E



000804



# Inverse Universe

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



902E63



BA2274



902E33



474044



870049



080004



# Previews

## White Background



This preview shows how the Hex color 2E905B looks on a white background.

## Color Contrast Check

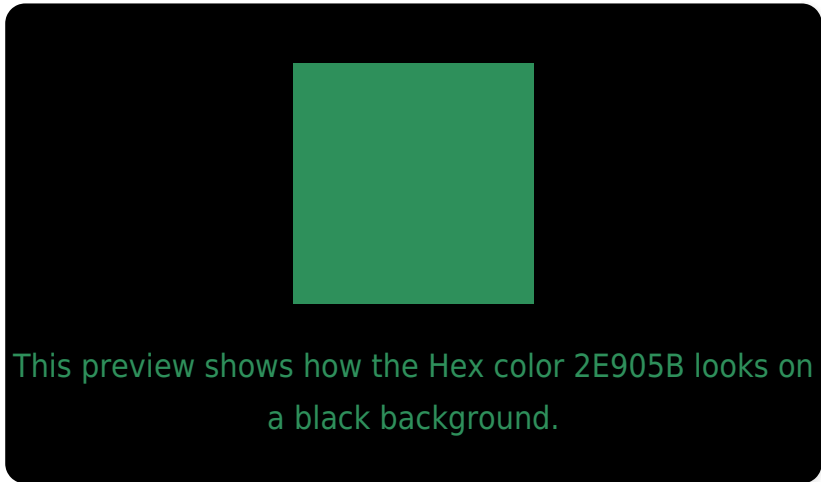
Large Text (above 18pt) WCAG AA ✓ Pass

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

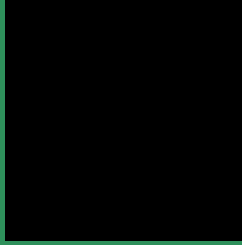
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2E905B Background



This preview shows how black text looks on a background with the Hex color 2E905B.

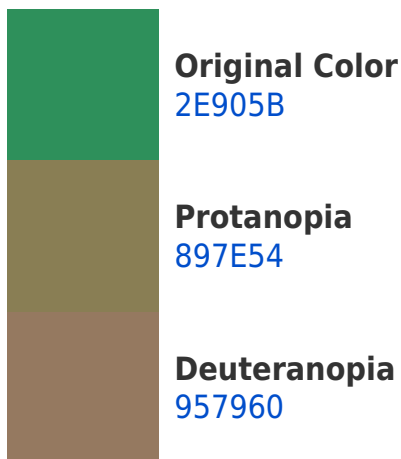


This preview shows how white text looks on a background with the Hex color 2E905B.

# 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**  
438994

# Trichromacy



**Original Color**  
2E905B



**Protanomaly**  
688557



**Deuteranomaly**  
70815E



**Tritanomaly**  
3B8C7F

# Monochromacy



**Original Color**  
2E905B



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
567A66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E905B 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 #2E905B looks like.

```
.text, #text, p{  
    color:#2E905B  
}
```

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 #2E905B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E905B
}
```

## Border

The CSS property to change the border of an element to Hex 2E905B 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
#2E905B }
```

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

```
.border{ border-color:#2E905B }
```

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

Here you see how a box with a 4 pixel #2E905B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E905B; -webkit-box-shadow:4px 4px  
4px 4px #2E905B; box-shadow:4px 4px 4px  
4px #2E905B }
```

# Background

The CSS property to change the background color of an element to Hex 2E905B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E905B }
```

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

```
.background{ background-color:#2E905B }
```

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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