

# Converting Colors

Hex(28903B)

Have a look what the booklet for  
Hex(28903B) contains.

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**Color**

**Hex(28903B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28903B
RGB	40, 144, 59
RGB Percent	16%, 56%, 23%
CMY	0.8431, 0.4353, 0.7686
CMYK	0.72, 0.00, 0.59, 0.44
HSL	131°, 57%, 36%
HSV	131°, 72%, 56%
XYZ	11.6377, 20.7134, 7.5224
YIQ	103.2140, -34.6990, -48.4830

# Conversions

## Conversions Part 2

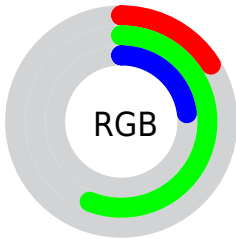
Format	Color
<a href="#">RYB</a>	<a href="#">40, 128, 144</a>
Decimal	<a href="#">2658363</a>
CIELab	<a href="#">52.63, -47.55, 36.27</a>
CIELCh	<a href="#">53, 59.808, 142.668</a>
Yxy	<a href="#">20.7134, 0.2919, 0.5195</a>
Android (android.graphics.Color)	<a href="#">4280848443 (0xFF28903B)</a>
YUV	<a href="#">103.2140, -21.7975, -55.4387</a>
Hunter-Lab	<a href="#">45.5120, -34.0022, 22.0587</a>

# Details

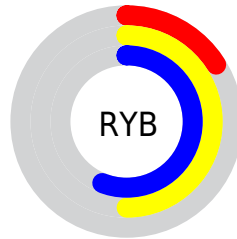
The Hex color **28903B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **90287D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **65C76D**, and **005C07** is the 20% darker color. If you saturate the color by 10%, you get **1A902F**, and if you desaturate by 10%, it is **369047**.

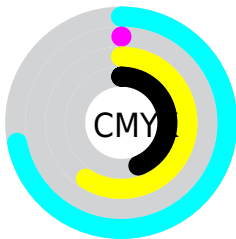
# Distribution



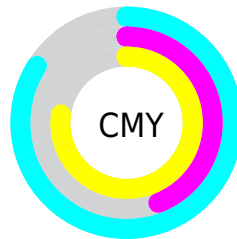
- Red (16%)
- Green (56%)
- Blue (23%)



- Red (16%)
- Yellow (50%)
- Blue (56%)



- Cyan (72%)
- Magenta (0%)
- Yellow (59%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28903B 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 28903B by changing the saturation by 10% instead.



 28903B

 28903B

FFFFFF

 007623

 65C76D

 005C07

 81E387

 004400

 9DFFA2

 002D00

 BAFFBD

 001100

 D7FFD9

 000000

 F5FFF6

 28903B

 28903B

 1A902F

 369047

■ 0B9023

■ 459053

■ 00901A

■ 53905E

■ 62906A

■ 709076

■ 7E9082

■ 8D908D

■ 9B9099

■ AA90A5

# Harmonies

## Analogous

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



718708



28903B



00956F

# Triad

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



28903B



0087E4



D84D59

# Complementary

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



28903B



90287D

# 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.



D34B8C



28903B



6375DD

# Square

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



28903B



0092CF



AF5EBD



C5612B

# Rectangle

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



28903B



009593



AF5EBD



D94A6A



# Sweetspot

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



28903B



91BA99



7F9028



465E4A



DEDEDE



5E5E5E



# Same Dimension

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



28903B



18BA36



28906D



404742



008719



000801



# Inverse Universe

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



90287D



BA189D



90284B



474046



87006E



080006



# Previews

## White Background



This preview shows how the Hex color 28903B looks on a white background.

## Color Contrast Check

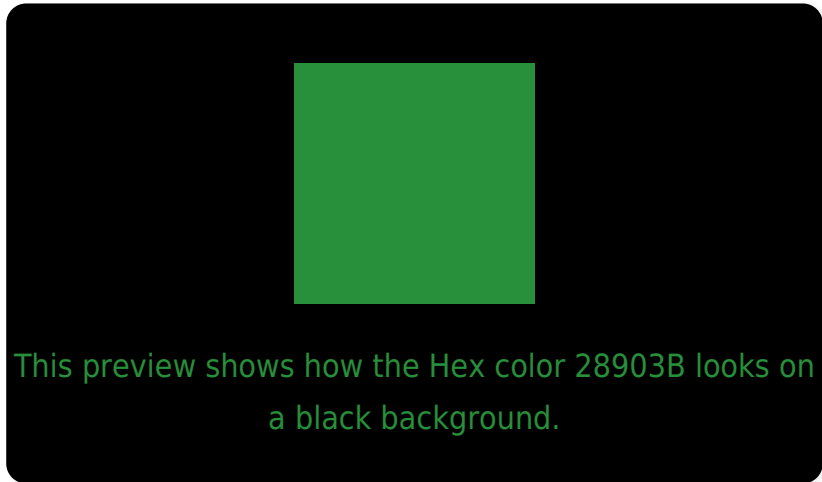
Large Text (above 18pt) WCAG AA ✓ Pass

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

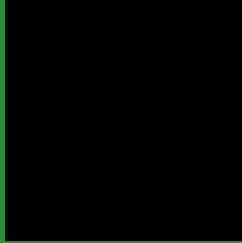
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 28903B Background



This preview shows how black text looks on a background with the Hex color 28903B.



This preview shows how white text looks on a background with the Hex color 28903B.

# 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**  
28903B

**Protanopia**  
8B7D35

**Deuteranopia**  
997742



**Tritanopia**  
448792

# Trichromacy



**Original Color**  
28903B



**Protanomaly**  
678437



**Deuteranomaly**  
70803F



**Tritanomaly**  
3A8A72

# Monochromacy



**Original Color**  
28903B



**Achromatopsia**  
676767



**Achromatomaly**  
507657

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28903B 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 #28903B looks like.

```
.text, #text, p{  
    color:#28903B  
}
```

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 #28903B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28903B
}
```

## Border

The CSS property to change the border of an element to Hex 28903B 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
#28903B }
```

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

```
.border{ border-color:#28903B }
```

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

Here you see how a box with a 4 pixel #28903B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28903B; -webkit-box-shadow:4px 4px  
4px 4px #28903B; box-shadow:4px 4px 4px  
4px #28903B }
```

# Background

The CSS property to change the background color of an element to Hex 28903B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28903B }
```

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

```
.background{ background-color:#28903B }
```

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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