

Converting Colors

Hex(27913C)

Have a look what the booklet for
Hex(27913C) contains.

Hex(27913C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(27913C)

Conversions

Conversions Part 1

Format	Color
Hex	27913C
RGB	39, 145, 60
RGB Percent	15%, 57%, 24%
CMY	0.8471, 0.4314, 0.7647
CMYK	0.73, 0.00, 0.59, 0.43
HSL	132°, 58%, 36%
HSV	132°, 73%, 57%
XYZ	11.7777, 21.0084, 7.7092
YIQ	103.6160, -35.8910, -48.9070

Conversions

Conversions Part 2

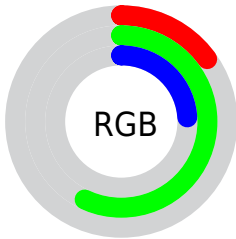
Format	Color
R_{YB}	39, 127, 145
Decimal	2593084
CIE _{Lab}	52.96, -47.96, 36.15
CIE _{LCh}	53, 60.062, 142.990
Yxy	21.0084, 0.2908, 0.5188
Android (android.graphics.Color)	4280783164 (0xFF27913C)
YUV	103.6160, -21.5027, -56.6682
Hunter-Lab	45.8349, -34.3438, 22.1121

Details

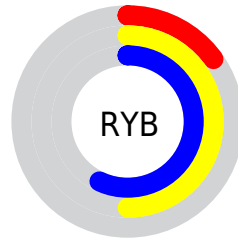
The Hex color **27913C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **91277C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **64C86E**, and **005D09** is the 20% darker color. If you saturate the color by 10%, you get **199130**, and if you desaturate by 10%, it is **369148**.

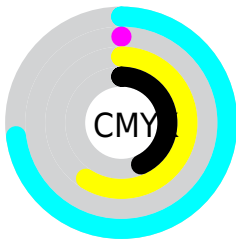
Distribution



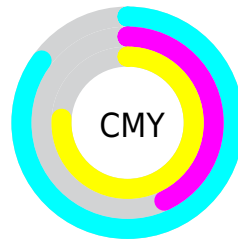
- Red (15%)
- Green (57%)
- Blue (24%)



- Red (15%)
- Yellow (50%)
- Blue (57%)



- Cyan (73%)
- Magenta (0%)
- Yellow (59%)
- Black (43%)



- Cyan (85%)
- Magenta (43%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27913C 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 27913C by changing the saturation by 10% instead.

 27913C

 27913C

FFFFFF

 007724

 64C86E

 005D09

 80E488

 004400

 9DFFA3

 002E00

 BAFFBE

 001200

 D7FFDA

 000000

 F4FFF7

 27913C

 27913C

 199130

 369148

■ 0A9125

■ 449153

■ 00911D

■ 53915F

■ 61916B

■ 709176

■ 7E9182

■ 8D918D

■ 9B9199

■ AA91A5

Harmonies

Analogous

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



718809



27913C



009670

Triad

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



27913C



0088E5



DA4E59

Complementary

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



27913C



91277C

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.



D44B8D



27913C



6576DE

Square

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



27913C



0092D0



B15EBD



C6622B

Rectangle

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



27913C



009694



B15EBD



DB4A6A

Sweetspot

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



27913C



93BD9B



7E9127



465E4B



DEDEDE



5E5E5E

Same Dimension

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



27913C



17BD38



27916F



404742



00871B



000802

Inverse Universe

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



91277C



BD179C



912749



474046



87006C



080006

Previews

White Background



This preview shows how the Hex color 27913C looks on a white background.

Color Contrast Check

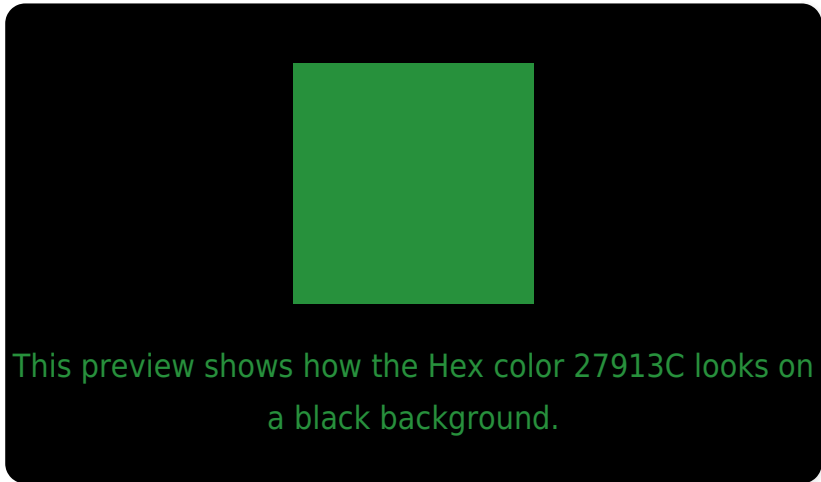
Large Text (above 18pt) WCAG AA ✓ Pass

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 27913C Background



This preview shows how black text looks on a background with the Hex color 27913C.



This preview shows how white text looks on a background with the Hex color 27913C.

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
27913C

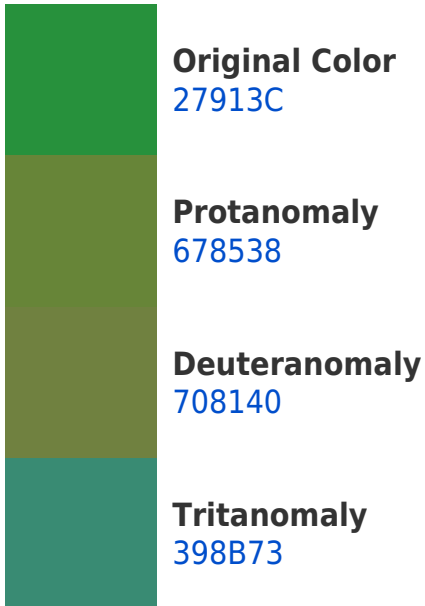
Protanopia
8C7E36

Deuteranopia
9A7843

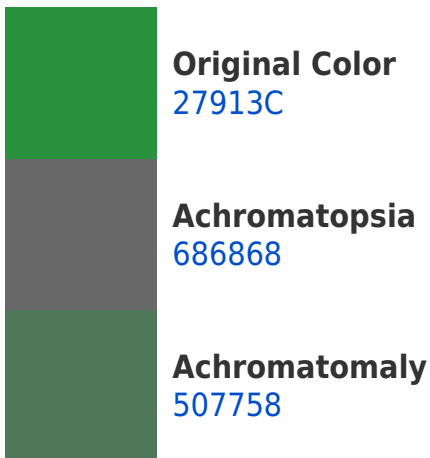


Tritanopia
438893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27913C 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 #27913C looks like.

```
.text, #text, p{  
    color:#27913C  
}
```

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 #27913C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27913C
}
```

Border

The CSS property to change the border of an element to Hex 27913C 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
#27913C }
```

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

```
.border{ border-color:#27913C }
```

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

Here you see how a box with a 4 pixel #27913C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27913C; -webkit-box-shadow:4px 4px  
4px 4px #27913C; box-shadow:4px 4px 4px  
4px #27913C }
```

Background

The CSS property to change the background color of an element to Hex 27913C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27913C }
```

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

```
.background{ background-color:#27913C }
```

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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