

Converting Colors

Hex(2C9F5F)

Have a look what the booklet for
Hex(2C9F5F) contains.

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Color

Hex(2C9F5F)

Conversions

Conversions Part 1

Format	Color
Hex	2C9F5F
RGB	44, 159, 95
RGB Percent	17%, 62%, 37%
CMY	0.8275, 0.3765, 0.6275
CMYK	0.72, 0.00, 0.40, 0.38
HSL	147°, 57%, 40%
HSV	147°, 72%, 62%
XYZ	15.5024, 26.1580, 15.0584
YIQ	117.3190, -47.9960, -44.2840

Conversions

Conversions Part 2

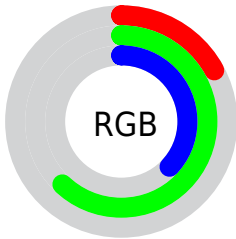
Format	Color
RYB	44, 124, 159
Decimal	2924383
CIELab	58.19, -46.59, 24.48
CIElCh	58, 52.626, 152.278
Yxy	26.1580, 0.2733, 0.4612
Android (android.graphics.Color)	4281114463 (0xFF2C9F5F)
YUV	117.3190, -11.0033, -64.3008
Hunter-Lab	51.1449, -35.3988, 18.3449

Details

The Hex color **2C9F5F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9F2C6C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6AD792**, and **006A30** is the 20% darker color. If you saturate the color by 10%, you get **1C9F56**, and if you desaturate by 10%, it is **3C9F68**.

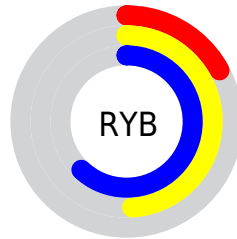
Distribution



Red (17%)

Green (62%)

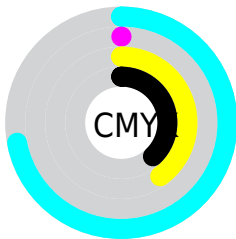
Blue (37%)



Red (17%)

Yellow (49%)

Blue (62%)

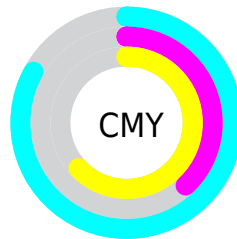


Cyan (72%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (83%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C9F5F 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 2C9F5F by changing the saturation by 10% instead.



2C9F5F



2C9F5F

FFFFFF



008447



6AD792



006A30



86F3AD



005119



A3FFC8



003901



C0FFE5



002300



DDFFFF



000000



FBFFFF



2C9F5F



2C9F5F



1C9F56



3C9F68

■ 0C9F4D

■ 4C9F71

■ 009F47

■ 5C9F7A

■ 6C9F82

■ 7B9F8B

■ 8B9F94

■ 9B9F9D

■ AB9FA6

■ BB9FAF

Harmonies

Analogous

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



739739



2C9F5F



00A28E

Triad

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



2C9F5F



2790E8



DD695D

Complementary

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



2C9F5F



9F2C6C

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.



DF628A



2C9F5F



927EDA

Square

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



2C9F5F



009CDD



C76BB8



C67A39

Rectangle

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



2C9F5F



00A2AD



C76BB8



E0656C

Sweetspot

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



2C9F5F



A1CFB5



6D9F2C



4D6959



E8E8E8



696969

Same Dimension

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



2C9F5F



1BCF6B



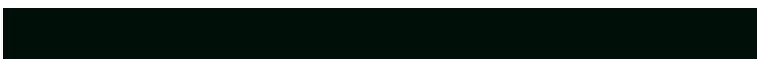
2C9F97



474F4B



008F3F



000F07

Inverse Universe

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



9F2C6C



CF1B7F



9F2C34



4F474C



8F004F



0F0009

Previews

White Background



This preview shows how the Hex color 2C9F5F looks on a white background.

Color Contrast Check

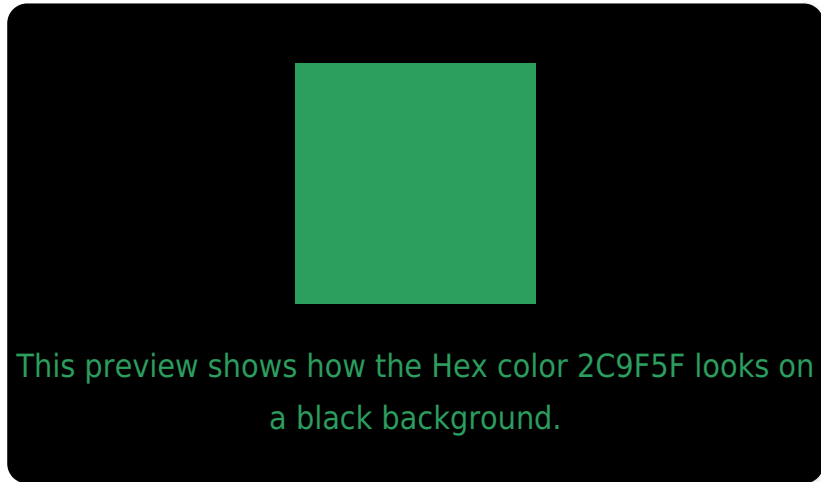
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C9F5F Background



This preview shows how black text looks on a background with the Hex color 2C9F5F.



This preview shows how white text looks on a background with the Hex color 2C9F5F.

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
4797A3

Trichromacy



Original Color
2C9F5F



Protanomaly
70925A



Deuteranomaly
788E63



Tritanomaly
3D9A8A

Monochromacy



Original Color
2C9F5F



Achromatopsia
757575



Achromatomaly
5A846D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C9F5F 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 #2C9F5F looks like.

```
.text, #text, p{  
    color:#2C9F5F  
}
```

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 #2C9F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C9F5F
}
```

Border

The CSS property to change the border of an element to Hex 2C9F5F 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
#2C9F5F }
```

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

```
.border{ border-color:#2C9F5F }
```

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

Here you see how a box with a 4 pixel #2C9F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C9F5F; -webkit-box-shadow:4px 4px  
4px 4px #2C9F5F; box-shadow:4px 4px 4px  
4px #2C9F5F }
```

Background

The CSS property to change the background color of an element to Hex 2C9F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C9F5F }
```

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

```
.background{ background-color:#2C9F5F }
```

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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