

Converting Colors

Hex(2C972A)

Have a look what the booklet for
Hex(2C972A) contains.

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Color

Hex(2C972A)

Conversions

Conversions Part 1

Format	Color
Hex	2C972A
RGB	44, 151, 42
RGB Percent	17%, 59%, 16%
CMY	0.8275, 0.4078, 0.8353
CMYK	0.71, 0.00, 0.72, 0.41
HSL	119°, 56%, 38%
HSV	119°, 72%, 59%
XYZ	12.5232, 22.8359, 5.9382
YIQ	106.5810, -28.7830, -56.5830

Conversions

Conversions Part 2

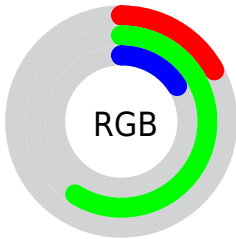
Format	Color
R_{YB}	42, 151, 149
Decimal	2922282
CIE _{Lab}	54.90, -51.19, 46.40
CIE _{LCh}	55, 69.090, 137.809
Yxy	22.8359, 0.3032, 0.5530
Android (android.graphics.Color)	4281112362 (0xFF2C972A)
YUV	106.5810, -31.8384, -54.8835
Hunter-Lab	47.7869, -36.8486, 26.0832

Details

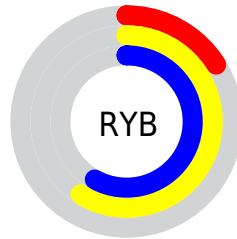
The Hex color **2C972A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **952A97**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6ACE5E**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **1D971B**, and if you desaturate by 10%, it is **3B9739**.

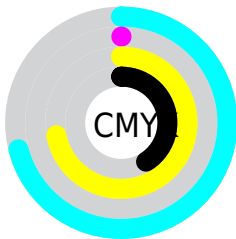
Distribution



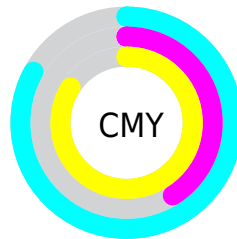
- Red (17%)
- Green (59%)
- Blue (16%)



- Red (16%)
- Yellow (59%)
- Blue (58%)



- Cyan (71%)
- Magenta (0%)
- Yellow (72%)
- Black (41%)



- Cyan (83%)
- Magenta (41%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C972A 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 2C972A by changing the saturation by 10% instead.



2C972A



2C972A

FFFFFF



007C0B



6ACE5E



006300



86EB78



004A00



A3FF93



003200



C0FFAE



001A00



DEFFCA



000000



FBFFE7



2C972A



2C972A



1D971B



3B9739

 0E970C

 4A9748

 039700

 589757

 679766

 769775

 859785

 949794

 A397A3

 B197B2

Harmonies

Analogous

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



7D8B00



2C972A



009D68

Triad

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



2C972A



0092F9



EC4363

Complementary

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



2C972A



952A97

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.



E1459E



2C972A



447EF6

Square

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



2C972A



009BDB



B261D5



DA5D2A

Rectangle

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



2C972A



009E92



B261D5



EC4076

Sweetspot

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



2C972A



9AC499



97932A



4A634A



E3E3E3



636363

Same Dimension

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



2C972A



1DC41A



2A975D



454D45



038C00



000D00

Inverse Universe

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



952A97



C11AC4



972A64



4C454D



8A008C



0D000D

Previews

White Background



This preview shows how the Hex color 2C972A looks on a white background.

Color Contrast Check

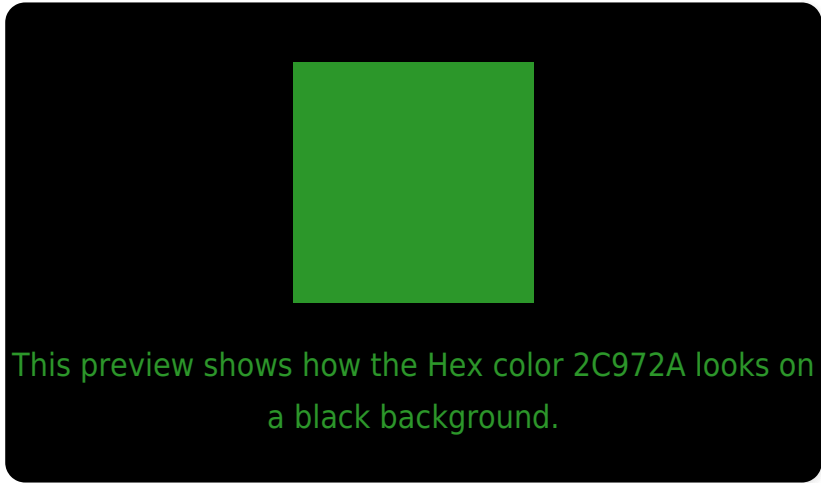
Large Text (above 18pt) WCAG AA ✓ Pass

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

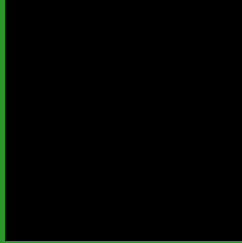
Any Text WCAG AA ✓ Pass

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 2C972A Background



This preview shows how black text looks on a background with the Hex color 2C972A.

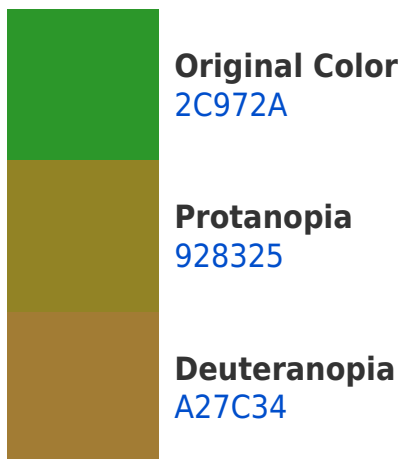



This preview shows how white text looks on a background with the Hex color 2C972A.

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
4A8D98

Trichromacy



Original Color
2C972A



Protanomaly
6D8A27



Deuteranomaly
778630



Tritanomaly
3F9170

Monochromacy



Original Color
2C972A



Achromatopsia
6B6B6B



Achromatomaly
547B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C972A 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 #2C972A looks like.

```
.text, #text, p{  
    color:#2C972A  
}
```

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 #2C972A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C972A
}
```

Border

The CSS property to change the border of an element to Hex 2C972A 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
#2C972A }
```

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

```
.border{ border-color:#2C972A }
```

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

Here you see how a box with a 4 pixel #2C972A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C972A; -webkit-box-shadow:4px 4px  
4px 4px #2C972A; box-shadow:4px 4px 4px  
4px #2C972A }
```

Background

The CSS property to change the background color of an element to Hex 2C972A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C972A }
```

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

```
.background{ background-color:#2C972A }
```

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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