

Converting Colors

Hex(2A932D)

Have a look what the booklet for
Hex(2A932D) contains.

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Color

Hex(2A932D)

Conversions

Conversions Part 1

Format	Color
Hex	2A932D
RGB	42, 147, 45
RGB Percent	16%, 58%, 18%
CMY	0.8353, 0.4235, 0.8235
CMYK	0.71, 0.00, 0.69, 0.42
HSL	122°, 56%, 37%
HSV	122°, 71%, 58%
XYZ	11.8622, 21.5491, 6.0168
YIQ	103.9770, -29.8380, -53.9820

Conversions

Conversions Part 2

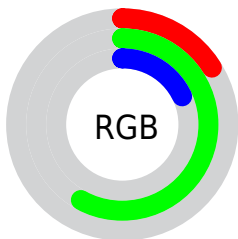
Format	Color
R_{YB}	42, 144, 147
Decimal	2790189
CIE _{Lab}	53.55, -49.90, 43.73
CIE _{LCh}	54, 66.345, 138.769
Yxy	21.5491, 0.3009, 0.5465
Android (android.graphics.Color)	4280980269 (0xFF2A932D)
YUV	103.9770, -29.0757, -54.3538
Hunter-Lab	46.4211, -35.6238, 24.8099

Details

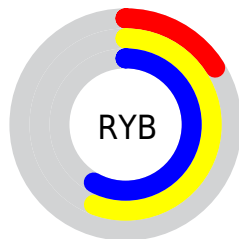
The Hex color **2A932D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **932A90**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **67CA60**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **1B931F**, and if you desaturate by 10%, it is **39933B**.

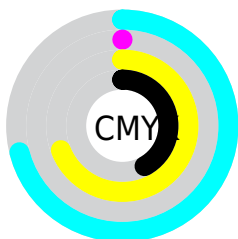
Distribution



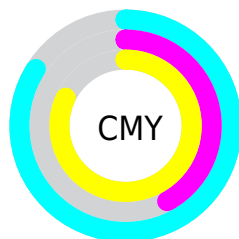
- Red (16%)
- Green (58%)
- Blue (18%)



- Red (16%)
- Yellow (56%)
- Blue (58%)



- Cyan (71%)
- Magenta (0%)
- Yellow (69%)
- Black (42%)



- Cyan (84%)
- Magenta (42%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A932D 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 2A932D by changing the saturation by 10% instead.

 2A932D

 2A932D

FFFFFF

 007911

 67CA60

 005F00

 84E77A

 004600

 A0FF95

 002F00

 BDFFB0

 001500

 DBFFCC

 000000

 F8FFE9

 2A932D

 2A932D

 1B931F

 39933B

■ 0D9310

■ 47934A

■ 009304

■ 569358

■ 659366

■ 739374

■ 829383

■ 919391

■ A0939F

■ AE93AE

Harmonies

Analogous

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



788800



2A932D



009868

Triad

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



2A932D



008DF1



E4445F

Complementary

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



2A932D



932A90

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.



DB4598



2A932D



4B7AED

Square

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



2A932D



0097D5



AE5FCC



D25C29

Rectangle

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



2A932D



009A90



AE5FCC



E54172

Sweetspot

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



2A932D



97BF98



91932A



496149



E0E0E0



616161

Same Dimension

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



2A932D



1BBF1F



2A9360



434A43



008A04



000A00

Inverse Universe

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



932A90



BF1BBB



932A5D



4A434A



8A0086



0A000A

Previews

White Background



This preview shows how the Hex color 2A932D looks on a white background.

Color Contrast Check

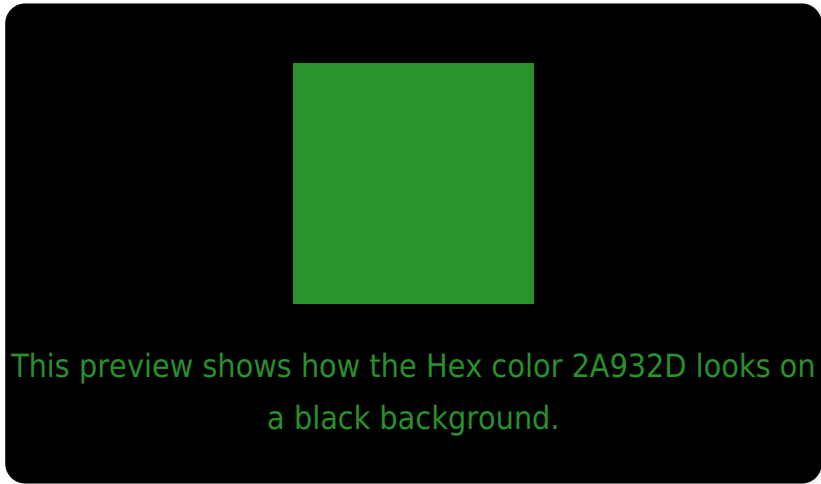
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A932D Background



This preview shows how black text looks on a background with the Hex color 2A932D.



This preview shows how white text looks on a background with the Hex color 2A932D.

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
2A932D

Protanopia
8E7F28

Deuteranopia
9E7936



Tritanopia
478994

Trichromacy



Original Color
2A932D

Protanomaly
6A862A

Deuteranomaly
748233

Tritanomaly
3C8D6F

Monochromacy



Original Color
2A932D

Achromatopsia
686868

Achromatomaly
517853

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A932D 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 #2A932D looks like.

```
.text, #text, p{  
    color:#2A932D  
}
```

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 #2A932D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A932D
}
```

Border

The CSS property to change the border of an element to Hex 2A932D 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
#2A932D }
```

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

```
.border{ border-color:#2A932D }
```

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

Here you see how a box with a 4 pixel #2A932D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A932D; -webkit-box-shadow:4px 4px  
4px 4px #2A932D; box-shadow:4px 4px 4px  
4px #2A932D }
```

Background

The CSS property to change the background color of an element to Hex 2A932D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A932D }
```

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

```
.background{ background-color:#2A932D }
```

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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