

Converting Colors

Hex(2AB928)

Have a look what the booklet for
Hex(2AB928) contains.

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Color

Hex(2AB928)

Conversions

Conversions Part 1

Format	Color
Hex	2AB928
RGB	42, 185, 40
RGB Percent	16%, 73%, 16%
CMY	0.8353, 0.2745, 0.8431
CMYK	0.77, 0.00, 0.78, 0.27
HSL	119°, 64%, 44%
HSV	119°, 78%, 73%
XYZ	18.6868, 35.3434, 7.8445
YIQ	125.7130, -38.6830, -75.4110

Conversions

Conversions Part 2

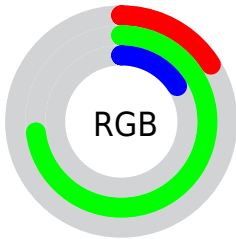
Format	Color
RYB	40, 185, 183
Decimal	2799912
CIELab	66.02, -62.78, 58.18
CIElCh	66, 85.593, 137.173
Yxy	35.3434, 0.3020, 0.5712
Android (android.graphics.Color)	4280989992 (0xFF2AB928)
YUV	125.7130, -42.2565, -73.4163
Hunter-Lab	59.4503, -47.9307, 33.7918

Details

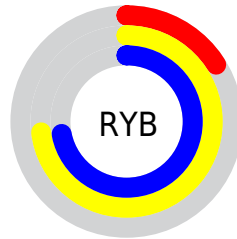
The Hex color **2AB928** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B728B9**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **70F261**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **18B916**, and if you desaturate by 10%, it is **3CB93B**.

Distribution



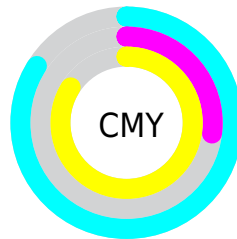
- Red (16%)
- Green (73%)
- Blue (16%)



- Red (16%)
- Yellow (73%)
- Blue (72%)



- Cyan (77%)
- Magenta (0%)
- Yellow (78%)
- Black (27%)



- Cyan (84%)
- Magenta (27%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AB928 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 2AB928 by changing the saturation by 10% instead.

 2AB928

 2AB928

FFFFFF

 009D00

 70F261

 008200

 8FFF7C

 006800

 ADFF98

 004E00

 CCFFB4

 003700

 EAFFD0

 001D00

 FFFFED

 000000

 2AB928

 2AB928

 18B916

 3CB93B

■ 06B903

■ 4EB94D

■ 03B900

■ 61B960

■ 73B972

■ 85B985

■ 97B997

■ AAB9AA

■ BCB9BC

■ CEB9CF

Harmonies

Analogous

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



98AA00



2AB928



00C07C

Triad

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



2AB928



00B3FF



FF4878

Complementary

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



2AB928



B728B9

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.



FF4CC5



2AB928



399AFF

Square

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



2AB928



00BFFF



D975FF



FF6D2E

Rectangle

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



2AB928



00C2B1



D975FF



FF4291

Sweetspot

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



2AB928



B7F0B6



B9B728



567855



F7F7F7



787878

Same Dimension

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



2AB928



11F00E



28B96E



535C53



029C00



001C00

Inverse Universe

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



B728B9



ED0EF0



B92873



5C535C



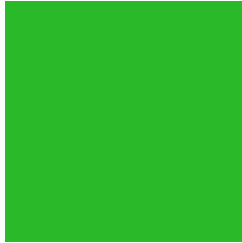
99009C



1C001C

Previews

White Background



This preview shows how the Hex color 2AB928 looks on a white background.

Color Contrast Check

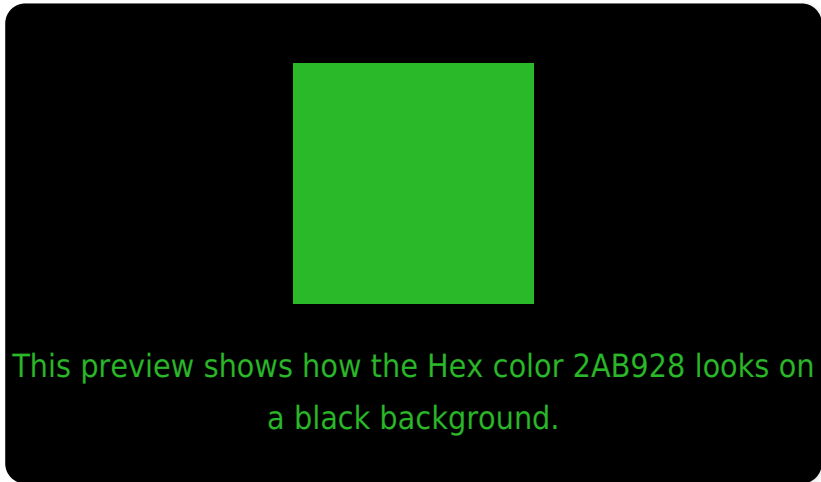
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 2AB928 Background



This preview shows how black text looks on a background with the Hex color 2AB928.

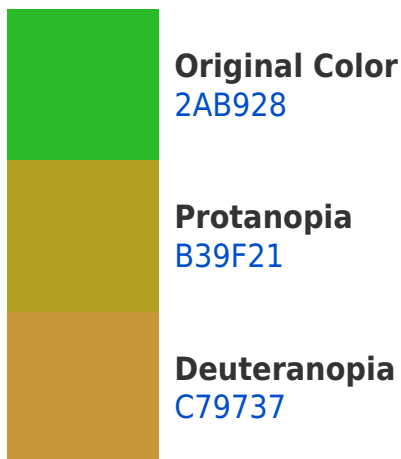


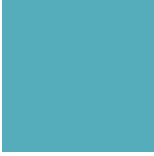
This preview shows how white text looks on a background with the Hex color 2AB928.

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





Trichromacy



Original Color
2AB928



Protanomaly
81A824



Deuteranomaly
8EA332



Tritanomaly
45B185

Monochromacy



Original Color
2AB928



Achromatopsia
7E7E7E



Achromatomaly
5F935F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AB928 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 #2AB928 looks like.

```
.text, #text, p{  
    color:#2AB928  
}
```

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 #2AB928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AB928
}
```

Border

The CSS property to change the border of an element to Hex 2AB928 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
#2AB928 }
```

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

```
.border{ border-color:#2AB928 }
```

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

Here you see how a box with a 4 pixel #2AB928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AB928; -webkit-box-shadow:4px 4px  
4px 4px #2AB928; box-shadow:4px 4px 4px  
4px #2AB928 }
```

Background

The CSS property to change the background color of an element to Hex 2AB928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AB928 }
```

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

```
.background{ background-color:#2AB928 }
```

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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