

Converting Colors

Hex(B2901A)

Have a look what the booklet for
Hex(B2901A) contains.

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Color

Hex(B2901A)

Conversions

Conversions Part 1

Format	Color
Hex	B2901A
RGB	178, 144, 26
RGB Percent	70%, 56%, 10%
CMY	0.3020, 0.4353, 0.8980
CMYK	0.00, 0.19, 0.85, 0.30
HSL	47°, 75%, 40%
HSV	47°, 85%, 70%
XYZ	28.5198, 29.4861, 5.1655
YIQ	140.7140, 58.1420, -29.4900

Conversions

Conversions Part 2

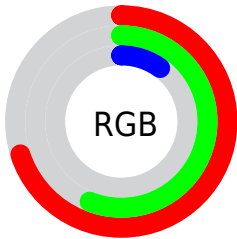
Format	Color
R_{YB}	70, 178, 26
Decimal	11702298
CIE _{Lab}	61.21, 1.94, 60.72
CIE _{LCh}	61, 60.747, 88.166
Yxy	29.4861, 0.4515, 0.4668
Android (android.graphics.Color)	4289892378 (0xFFB2901A)
YUV	140.7140, -56.5540, 32.6998
Hunter-Lab	54.3011, -1.2758, 32.3707

Details

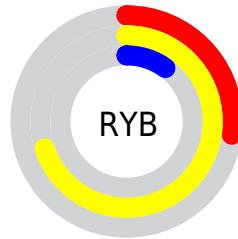
The Hex color **B2901A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1A3CB2**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **EDC553**, and **795E00** is the 20% darker color. If you saturate the color by 10%, you get **B28C08**, and if you desaturate by 10%, it is **B2942C**.

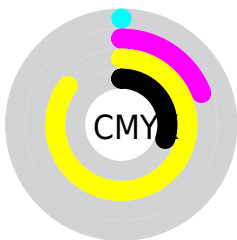
Distribution



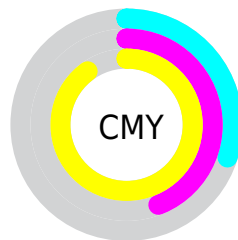
- Red (70%)
- Green (56%)
- Blue (10%)



- Red (27%)
- Yellow (70%)
- Blue (10%)



- Cyan (0%)
- Magenta (19%)
- Yellow (85%)
- Black (30%)



- Cyan (30%)
- Magenta (44%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2901A 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 B2901A by changing the saturation by 10% instead.

 B2901A

 B2901A

FFFFFF

 957700

 EDC553

 795E00

 FFE16E

 5D4700

 FFFE89

 423100

 FFFFA5

 291C00

 FFFFC1

 0C0300

 FFFFDE

 000000

 FFFFFB

 B2901A

 B2901A

 B28C08

 B2942C

 B28A00

 B2983E

 B29C4F

 B2A061

 B2A473

 B2A885

 B2AC97

 B2B0A8

 B2B4BA

Harmonies

Analogous

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



DB7B37



B2901A



7D9F2B

Triad

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



B2901A



00ADC5



D16FCD

Complementary

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



B2901A



1A3CB2

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.



8E87F3



B2901A



00A7EE

Square

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



B2901A



00AD8F



009BFF



F16099

Rectangle

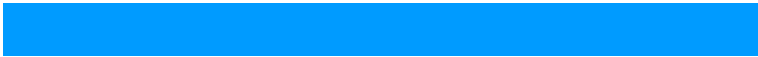
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B2901A



4FA648



009BFF



BF77DC

Sweetspot

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



B2901A



E8DBAC



B21A3D



756D51



F5F5F5



757575

Same Dimension

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



B2901A



E8B400



89B21A



595750



997700



1A1400

Inverse Universe

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



1A3CB2



0034E8



431AB2



505259



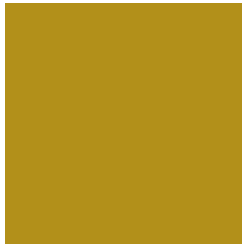
002299



00061A

Previews

White Background



This preview shows how the Hex color B2901A looks on a white background.

Color Contrast Check

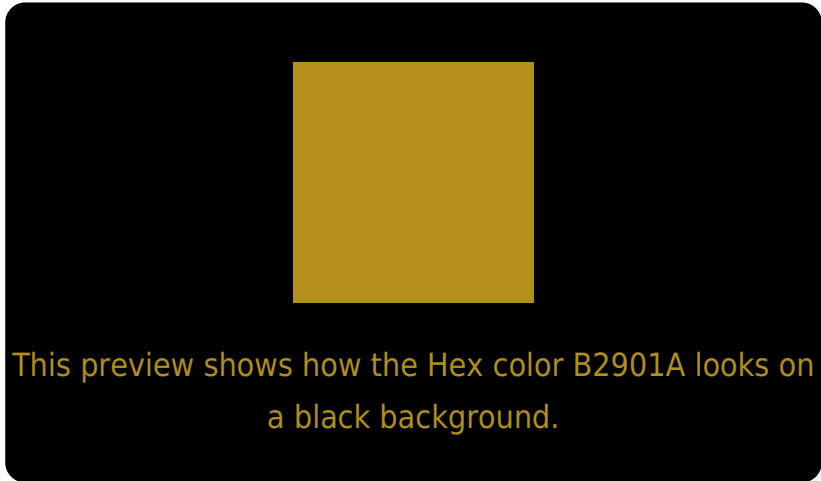
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2901A Background



This preview shows how black text looks on a background with the Hex color B2901A.



This preview shows how white text looks on a background with the Hex color B2901A.

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
B2901A

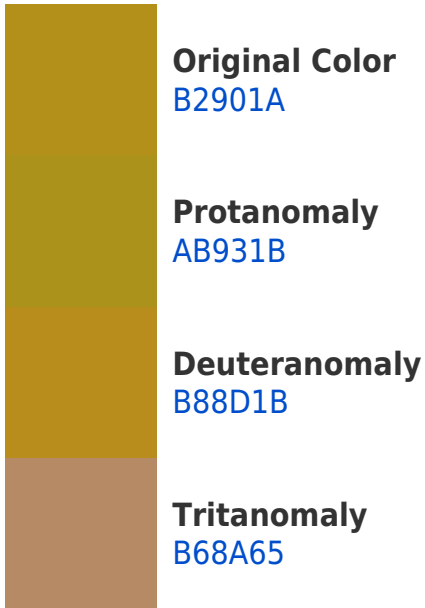
Protanopia
A7941B

Deuteranopia
BB8C1C

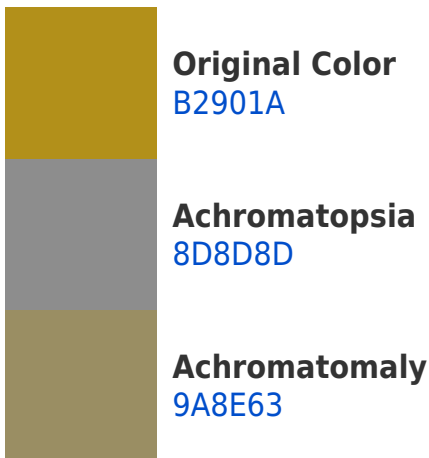


Tritanopia
B98690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2901A 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 #B2901A looks like.

```
.text, #text, p{  
    color:#B2901A  
}
```

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 #B2901A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2901A
}
```

Border

The CSS property to change the border of an element to Hex B2901A 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
#B2901A }
```

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

```
.border{ border-color:#B2901A }
```

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

Here you see how a box with a 4 pixel #B2901A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2901A; -webkit-box-shadow:4px 4px  
4px 4px #B2901A; box-shadow:4px 4px 4px  
4px #B2901A }
```

Background

The CSS property to change the background color of an element to Hex B2901A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2901A }
```

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

```
.background{ background-color:#B2901A }
```

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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