

# Converting Colors

Hex(B2910D)

Have a look what the booklet for  
Hex(B2910D) contains.

<b>Hex(B2910D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B2910D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2910D
RGB	178, 145, 13
RGB Percent	70%, 57%, 5%
CMY	0.3020, 0.4314, 0.9490
CMYK	0.00, 0.19, 0.93, 0.30
HSL	48°, 86%, 37%
HSV	48°, 93%, 70%
XYZ	28.5581, 29.7448, 4.6169
YIQ	139.8190, 62.0400, -34.0560

# Conversions

## Conversions Part 2

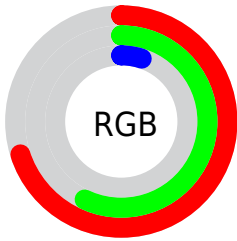
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 178, 13
Decimal	11702541
CIELab	61.43, 1.12, 63.76
CIELCh	61, 63.774, 88.990
Yxy	29.7448, 0.4539, 0.4727
Android (android.graphics.Color)	4289892621 (0xFFB2910D)
YUV	139.8190, -62.5218, 33.4847
Hunter-Lab	54.5388, -1.9751, 33.1581

# Details

The Hex color **B2910D** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **0D2EB2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **EEC64D**, and **795F00** is the 20% darker color. If you saturate the color by 10%, you get **B28E00**, and if you desaturate by 10%, it is **B2951F**.

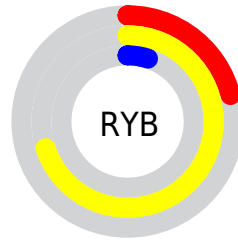
# Distribution



Red (70%)

Green (57%)

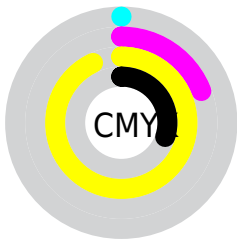
Blue (5%)



Red (21%)

Yellow (70%)

Blue (5%)

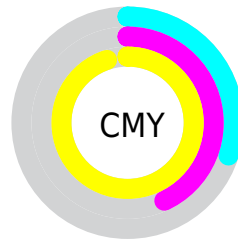


Cyan (0%)

Magenta (19%)

Yellow (93%)

Black (30%)



Cyan (30%)

Magenta (43%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2910D 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 B2910D by changing the saturation by 10% instead.



 B2910D

 B2910D

FFFFFF

 957800

 EEC64D

 795F00

 FFE268

 5D4800

 FFFF83

 423200

 FFFF9F

 281D00

 FFFFBB

 0B0400

 FFFFD8

 000000

 FFFFF5

 B2910D

 B2910D

■ B28E00

■ B2951F

■ B29831

■ B29C42

■ B29F54

■ B2A366

■ B2A678

■ B2AA8A

■ B2AD9B

■ B2B1AD

# Harmonies

## Analogous

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



DD7B31



B2910D



7AA125

# Triad

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



B2910D



00AECA



D66DCF

# Complementary

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



B2910D



0D2EB2

# 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.



9086F8



B2910D



00A9F5

# Square

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



B2910D



00AF91



009CFF



F65D99

# Rectangle

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



B2910D



48A845



009CFF



C475DF



# Sweetspot

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



B2910D



E8DBA7



B20D2E



756D4D



F5F5F5



757575



# Same Dimension

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



B2910D



E8BA00



81B20D



595750



997A00



1A1400



# Inverse Universe

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



0D2EB2



002EE8



3E0DB2



505259



001F99

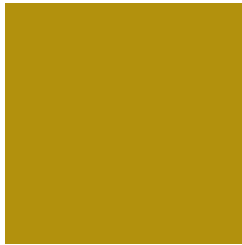


00051A



# Previews

## White Background



This preview shows how the Hex color B2910D looks on a white background.

## Color Contrast Check

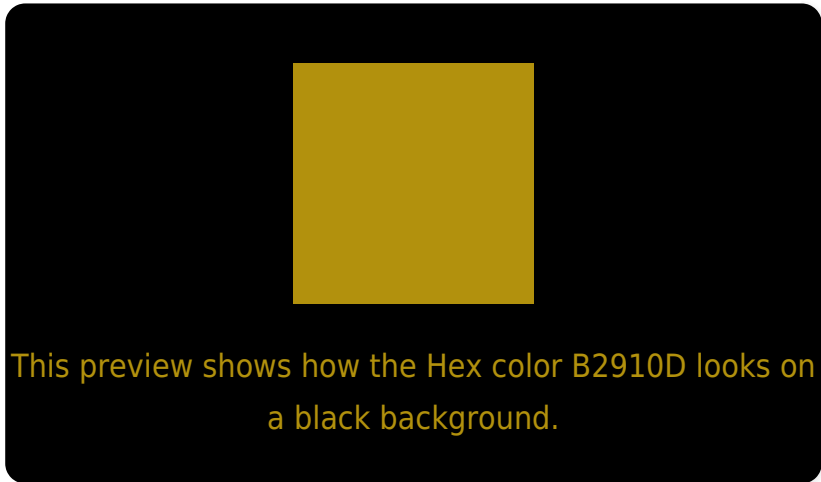
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2910D Background



This preview shows how black text looks on a background with the Hex color B2910D.



This preview shows how white text looks on a background with the Hex color B2910D.

# 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**  
B2910D

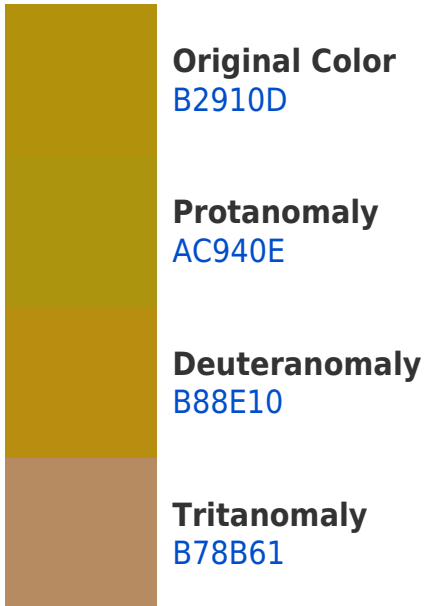
**Protanopia**  
A8950F

**Deuteranopia**  
BC8D12



**Tritanopia**  
BA8791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2910D 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 #B2910D looks like.

```
.text, #text, p{  
    color:#B2910D  
}
```

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 #B2910D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2910D
}
```

## Border

The CSS property to change the border of an element to Hex B2910D 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
#B2910D }
```

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

```
.border{ border-color:#B2910D }
```

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

Here you see how a box with a 4 pixel #B2910D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2910D; -webkit-box-shadow:4px 4px  
4px 4px #B2910D; box-shadow:4px 4px 4px  
4px #B2910D }
```

# Background

The CSS property to change the background color of an element to Hex B2910D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2910D }
```

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

```
.background{ background-color:#B2910D }
```

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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