

Converting Colors

Hex(B2951F)

Have a look what the booklet for
Hex(B2951F) contains.

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Color

Hex(B2951F)

Conversions

Conversions Part 1

Format	Color
Hex	B2951F
RGB	178, 149, 31
RGB Percent	70%, 58%, 12%
CMY	0.3020, 0.4157, 0.8784
CMYK	0.00, 0.16, 0.83, 0.30
HSL	48°, 70%, 41%
HSV	48°, 83%, 70%
XYZ	29.3549, 31.0588, 5.7441
YIQ	144.2190, 55.1620, -30.5500

Conversions

Conversions Part 2

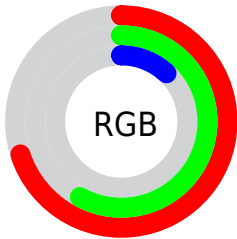
Format	Color
RYB	67, 178, 31
Decimal	11703583
CIELab	62.56, -0.63, 60.43
CIELCh	63, 60.437, 90.601
Yxy	31.0588, 0.4437, 0.4695
Android (android.graphics.Color)	4289893663 (0xFFB2951F)
YUV	144.2190, -55.8170, 29.6259
Hunter-Lab	55.7304, -3.5070, 32.9003

Details

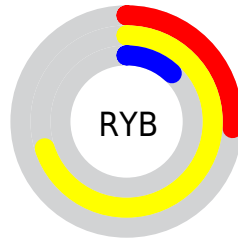
The Hex color **B2951F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1F3CB2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **EDCB57**, and **796300** is the 20% darker color. If you saturate the color by 10%, you get **B2910D**, and if you desaturate by 10%, it is **B29931**.

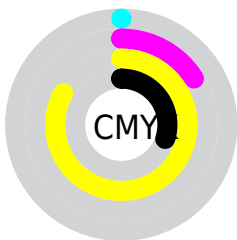
Distribution



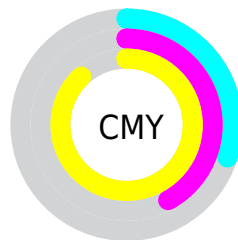
- Red (70%)
- Green (58%)
- Blue (12%)



- Red (26%)
- Yellow (70%)
- Blue (12%)



- Cyan (0%)
- Magenta (16%)
- Yellow (83%)
- Black (30%)



- Cyan (30%)
- Magenta (42%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2951F 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 B2951F by changing the saturation by 10% instead.



B2951F



B2951F

FFFFFF



957B00



EDCB57



796300



FFE772



5E4B00



FFFF8D



433500



FFFFA9



292000



FFFFC5



0D0900



FFFFE2



000000



B2951F



B2951F



B2910D



B29931

 B28F00

 B29C43

 B2A054

 B2A366

 B2A778

 B2AA8A

 B2AE9C

 B2B1AD

 B2B5BF

Harmonies

Analogous

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



DC8138



B2951F



7CA433

Triad

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



B2951F



00B0CD



D972CD

Complementary

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



B2951F



1F3CB2

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.



9989F4



B2951F



00AAF4

Square

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



B2951F



00B197



009DFF



F66498

Rectangle

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



B2951F



4DAA4F



009DFF



C879DC

Sweetspot

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



B2951F



E8DDAE



B21F3C



756E52



F5F5F5



757575

Same Dimension

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



B2951F



E8BB02



86B21F



595750



997B00



1A1400

Inverse Universe

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



1F3CB2



0230E8



4B1FB2



505259



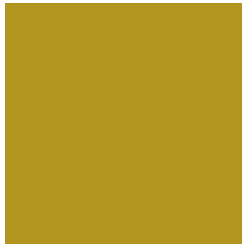
001E99



00051A

Previews

White Background



This preview shows how the Hex color B2951F looks on a white background.

Color Contrast Check

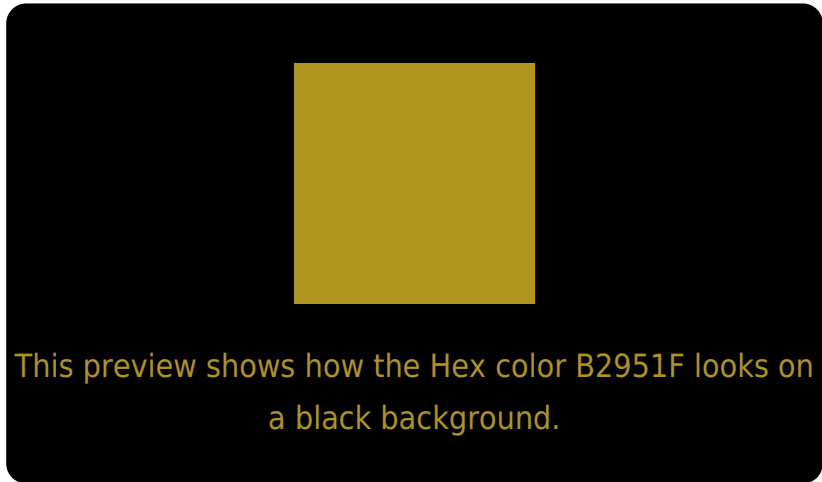
Large Text (above 18pt) WCAG AA × Fail

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 B2951F Background



This preview shows how black text looks on a background with the Hex color B2951F.



This preview shows how white text looks on a background with the Hex color B2951F.

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
B2951F

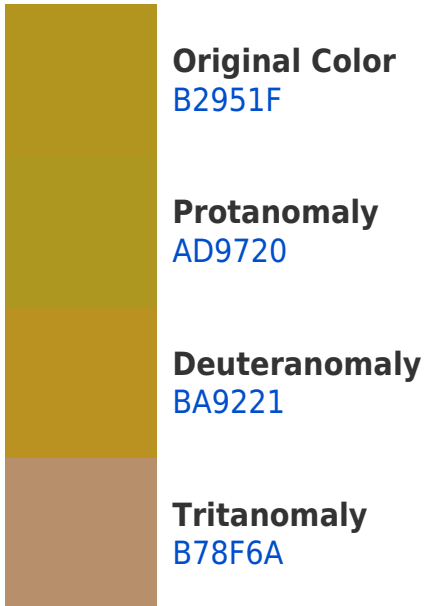
Protanopia
AA9820

Deuteranopia
BF9022



Tritanopia
BA8B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2951F 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 #B2951F looks like.

```
.text, #text, p{  
    color:#B2951F  
}
```

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 #B2951F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2951F
}
```

Border

The CSS property to change the border of an element to Hex B2951F 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
#B2951F }
```

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

```
.border{ border-color:#B2951F }
```

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

Here you see how a box with a 4 pixel #B2951F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2951F; -webkit-box-shadow:4px 4px  
4px 4px #B2951F; box-shadow:4px 4px 4px  
4px #B2951F }
```

Background

The CSS property to change the background color of an element to Hex B2951F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2951F }
```

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

```
.background{ background-color:#B2951F }
```

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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