

Converting Colors

Hex(B2F932)

Have a look what the booklet for
Hex(B2F932) contains.

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Color

Hex(B2F932)

Conversions

Conversions Part 1

Format	Color
Hex	B2F932
RGB	178, 249, 50
RGB Percent	70%, 98%, 20%
CMY	0.3020, 0.0235, 0.8039
CMYK	0.29, 0.00, 0.80, 0.02
HSL	81°, 94%, 59%
HSV	81°, 80%, 98%
XYZ	52.8115, 77.4466, 15.1829
YIQ	205.0850, 21.5630, -76.9410

Conversions

Conversions Part 2

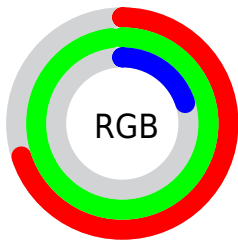
Format	Color
RYB	50, 249, 121
Decimal	11729202
CIELab	90.53, -48.11, 79.96
CIElCh	91, 93.315, 121.037
Yxy	77.4466, 0.3631, 0.5325
Android (android.graphics.Color)	4289919282 (0xFFB2F932)
YUV	205.0850, -76.4569, -23.7535
Hunter-Lab	88.0038, -46.8878, 51.3736

Details

The Hex color **B2F932** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **7932F9**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EEFF72**, and **77C000** is the 20% darker color. If you saturate the color by 10%, you get **A9F919**, and if you desaturate by 10%, it is **BBF94B**.

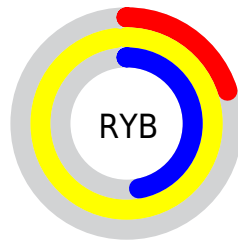
Distribution



Red (70%)

Green (98%)

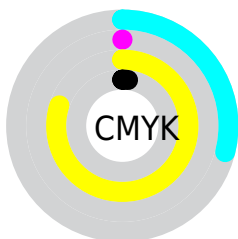
Blue (20%)



Red (20%)

Yellow (98%)

Blue (47%)

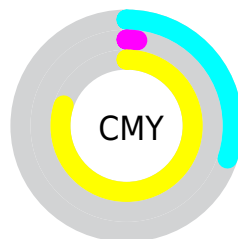


Cyan (29%)

Magenta (0%)

Yellow (80%)

Black (2%)



Cyan (30%)

Magenta (2%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2F932 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 B2F932 by changing the saturation by 10% instead.

 B2F932

 B2F932

FFFFFF

 94DC00

 EEEF72

 77C000

 FFFF8F

 59A500

 FFFFAC

 3A8A00

 FFFFCA

 137000

 FFFFEE

 005700

 003F00

 002900

 000400

 B2F932

 B2F932

 A9F919

 BBF94B

 A0F900

 C4F964

 CDF97D

 D6F996

 DEF9AE

 E7F9C7

 F0F9E0

 F9F9F9

 FFF9FF

Harmonies

Analogous

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



FFE100



B2F932



00FF88

Triad

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



B2F932



00FFFF



FF88E5

Complementary

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



B2F932



7932F9

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.



FFA1FF



B2F932



00EEFF

Square

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



B2F932



00FFFF



E5CBFF



FF988D

Rectangle

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



B2F932



00FFC5



E5CBFF



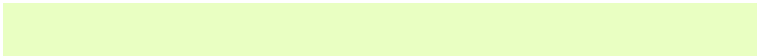
FF8CFF

Sweetspot

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



B2F932



E9FFC2



F97832



72805B



000000



808080

Same Dimension

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



B2F932



A8FF0A



50F932



787D70



79BD00



273D00

Inverse Universe

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



7932F9



620AFF



DB32F9



75707D



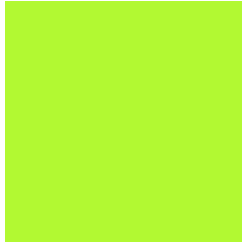
4300BD



16003D

Previews

White Background



This preview shows how the Hex color B2F932 looks on a white background.

Color Contrast Check

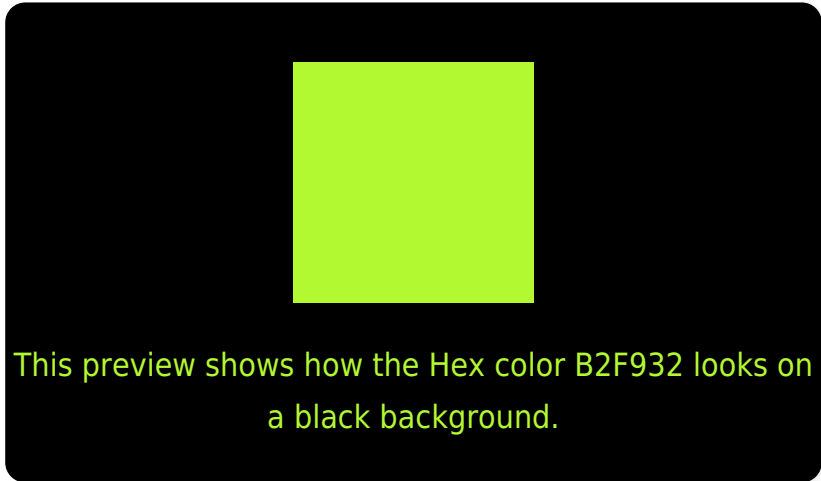
Large Text (above 18pt) WCAG AA × Fail

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 B2F932 Background



This preview shows how black text looks on a background with the Hex color B2F932.

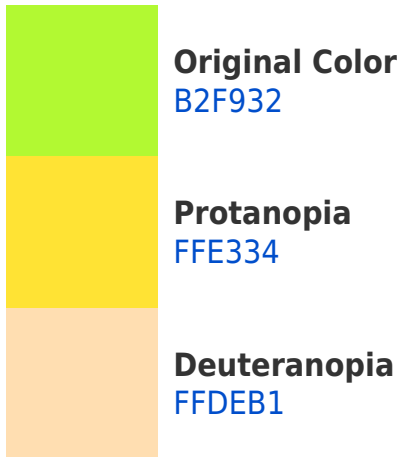


This preview shows how white text looks on a background with the Hex color B2F932.

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



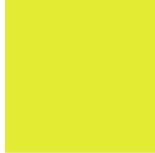


Tritanopia
C9E8FA

Trichromacy



Original Color
B2F932



Protanomaly
E3EB33



Deuteranomaly
E3E883

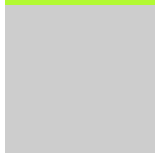


Tritanomaly
C1EEB1

Monochromacy



Original Color
B2F932



Achromatopsia
CDCDCD



Achromatomaly
C3DD95

CSS Examples

Text

The CSS property to change the color of the text to Hex B2F932 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 #B2F932 looks like.

```
.text, #text, p{  
    color:#B2F932  
}
```

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 #B2F932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2F932
}
```

Border

The CSS property to change the border of an element to Hex B2F932 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
#B2F932 }
```

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

```
.border{ border-color:#B2F932 }
```

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

Here you see how a box with a 4 pixel #B2F932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2F932; -webkit-box-shadow:4px 4px  
4px 4px #B2F932; box-shadow:4px 4px 4px  
4px #B2F932 }
```

Background

The CSS property to change the background color of an element to Hex B2F932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2F932 }
```

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

```
.background{ background-color:#B2F932 }
```

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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