

# Converting Colors

Hex(B2FA52)

Have a look what the booklet for  
Hex(B2FA52) contains.

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# **Color**

**Hex(B2FA52)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2FA52
RGB	178, 250, 82
RGB Percent	70%, 98%, 32%
CMY	0.3020, 0.0196, 0.6784
CMYK	0.29, 0.00, 0.67, 0.02
HSL	86°, 94%, 65%
HSV	86°, 67%, 98%
XYZ	54.0687, 78.4454, 20.2744
YIQ	209.3200, 11.0160, -67.5120

# Conversions

## Conversions Part 2

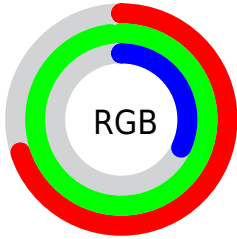
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 250, 154
Decimal	11729490
CIE Lab	90.98, -46.84, 70.25
CIE LCh	91, 84.431, 123.696
Yxy	78.4454, 0.3539, 0.5134
Android (android.graphics.Color)	4289919570 (0xFFB2FA52)
YUV	209.3200, -62.7688, -27.4676
Hunter-Lab	88.5694, -46.0281, 48.4265

# Details

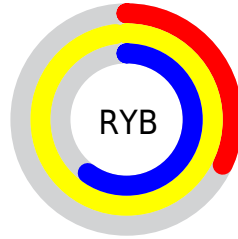
The Hex color **B2FA52** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **9A52FA**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EDFF8B**, and **78C106** is the 20% darker color. If you saturate the color by 10%, you get **A7FA39**, and if you desaturate by 10%, it is **BDFA6B**.

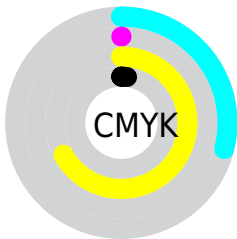
# Distribution



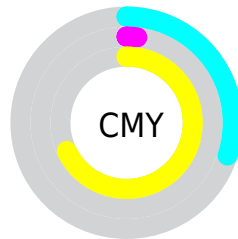
- Red (70%)
- Green (98%)
- Blue (32%)



- Red (32%)
- Yellow (98%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (67%)
- Black (2%)



- Cyan (30%)
- Magenta (2%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2FA52 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 B2FA52 by changing the saturation by 10% instead.



 B2FA52

 B2FA52

FFFFFF

 95DD33

 EDFF8B

 78C106

 FFFFA8

 5BA600

 FFFFC4

 3D8B00

 FFFFE2

 1B7100

 005800

 003F00

 002A00

 000700

 B2FA52

 B2FA52

 A7FA39

 BDFA6B

 9DFA20

 C7FA84

 92FA07

 D2FA9D

 8FFA00

 DDFAB6

 E8FACF

 F2FAE8

 FDFAFF

 FFFAFF

# Harmonies

## Analogous

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



FFE52C



B2FA52



00FF9A

# Triad

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



B2FA52



00FFFF



FF97DE

# Complementary

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



B2FA52



9A52FA

# 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.



FFA8FF



B2FA52



00EBFF

# Square

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



B2FA52



00FFFF



F4CBFF



FFA690

# Rectangle

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



B2FA52



00FFD1



F4CBFF



FF99FA



# Sweetspot

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



B2FA52



E9FFCC



FA9852



728061



000000



808080



# Same Dimension

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



B2FA52



A6FF30



60FA52



787D70



6CBD00



233D00



# Inverse Universe

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



9A52FA



8930FF



EC52FA



76707D



5100BD

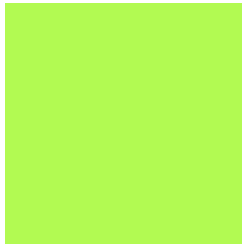


1A003D



# Previews

## White Background



This preview shows how the Hex color B2FA52 looks on a white background.

## Color Contrast Check

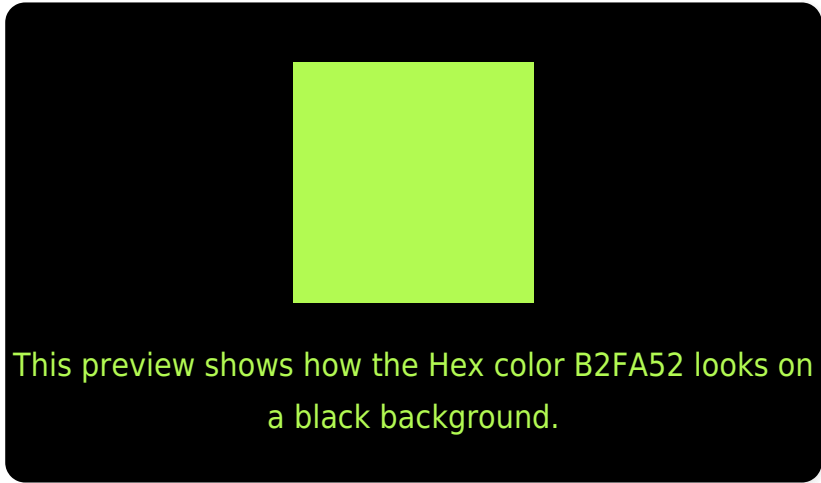
Large Text (above 18pt) WCAG AA × Fail

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 B2FA52 Background



This preview shows how black text looks on a background with the Hex color B2FA52.

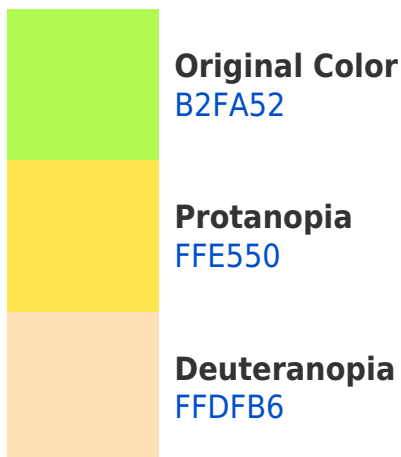


This preview shows how white text looks on a background with the Hex color B2FA52.

# Color Blindness Simulation

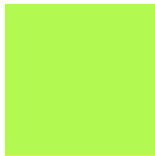
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

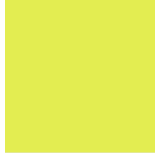




# Trichromacy



**Original Color**  
B2FA52



**Protanomaly**  
E3ED51



**Deuteranomaly**  
E3E992

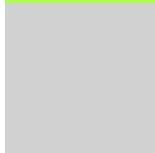


**Tritanomaly**  
C0F0BE

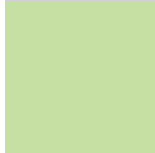
# Monochromacy



**Original Color**  
B2FA52



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
C6E0A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2FA52 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 #B2FA52 looks like.

```
.text, #text, p{  
    color:#B2FA52  
}
```

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 #B2FA52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FA52
}
```

## Border

The CSS property to change the border of an element to Hex B2FA52 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
#B2FA52 }
```

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

```
.border{ border-color:#B2FA52 }
```

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

Here you see how a box with a 4 pixel #B2FA52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FA52; -webkit-box-shadow:4px 4px  
4px 4px #B2FA52; box-shadow:4px 4px 4px  
4px #B2FA52 }
```

# Background

The CSS property to change the background color of an element to Hex B2FA52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FA52 }
```

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

```
.background{ background-color:#B2FA52 }
```

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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