

# Converting Colors

Hex(B1FA53)

Have a look what the booklet for  
Hex(B1FA53) contains.

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**Color**

**Hex(B1FA53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1FA53
RGB	177, 250, 83
RGB Percent	69%, 98%, 33%
CMY	0.3059, 0.0196, 0.6745
CMYK	0.29, 0.00, 0.67, 0.02
HSL	86°, 94%, 65%
HSV	86°, 67%, 98%
XYZ	53.8784, 78.3429, 20.4656
YIQ	209.1350, 10.0990, -67.4130

# Conversions

## Conversions Part 2

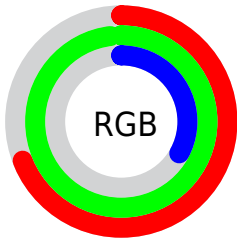
Format	Color
<b>RYB</b>	83, 250, 156
Decimal	11663955
CIELab	90.94, -47.13, 69.81
CIELCh	91, 84.226, 124.023
Yxy	78.3429, 0.3529, 0.5131
Android (android.graphics.Color)	4289854035 (0xFFB1FA53)
YUV	209.1350, -62.1846, -28.1824
Hunter-Lab	88.5115, -46.2393, 48.2490

# Details

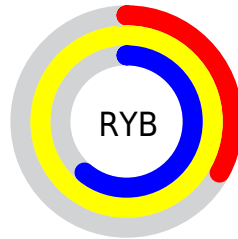
The Hex color **B1FA53** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **9C53FA**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **ECFF8C**, and **77C10A** is the 20% darker color. If you saturate the color by 10%, you get **A6FA3A**, and if you desaturate by 10%, it is **BCFA6C**.

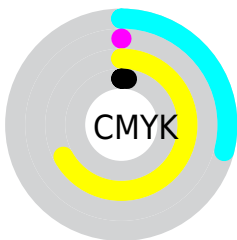
# Distribution



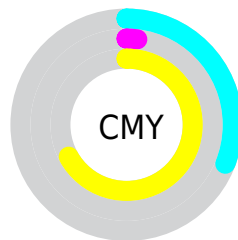
- Red (69%)
- Green (98%)
- Blue (33%)



- Red (33%)
- Yellow (98%)
- Blue (61%)



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



- Cyan (31%)
- Magenta (2%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1FA53 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 B1FA53 by changing the saturation by 10% instead.



 B1FA53

 B1FA53

FFFFFF

 94DD35

 ECFF8C

 77C10A

 FFFFA8

 5AA600

 FFFFC5

 3C8B00

 FFFF E3

 1A7100

 005800

 003F00

 002A00

 000600

 B1FA53

 B1FA53

 A6FA3A

 BCFA6C

 9BFA21

 C7FA85

 90FA08

 D2FA9E

 8DFA00

 DDFAB7

 E8FAD0

 F3FAE9

 FDFAFF

 FFFAFF

# Harmonies

## Analogous

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



FFE52C



B1FA53



00FF9B

# Triad

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



B1FA53



00FFFF



FF97DD

# Complementary

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



B1FA53



9C53FA

# 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



B1FA53



00EBFF

# Square

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



B1FA53



00FFFF



F5CBFF



FFA68F

# Rectangle

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



B1FA53



00FFD2



F5CBFF



FF99F9

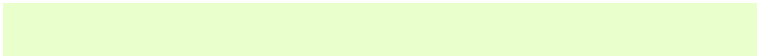


# Sweetspot

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



B1FA53



E9FFCC



FA9B53



728061



000000



808080



# Same Dimension

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



B1FA53



A6FF33



5EFA53



777D70



6ABD00



223D00



# Inverse Universe

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



9C53FA



8C33FF



EF53FA



76707D



5200BD

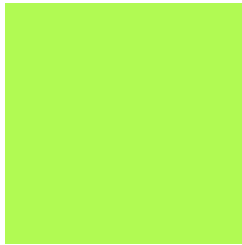


1B003D



# Previews

## White Background



This preview shows how the Hex color B1FA53 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



This preview shows how the Hex color B1FA53 looks on a 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 B1FA53 Background



This preview shows how black text looks on a background with the Hex color B1FA53.

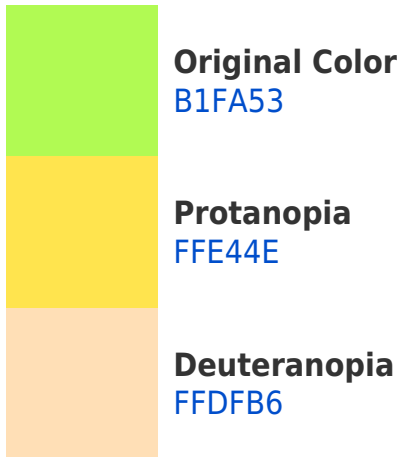


This preview shows how white text looks on a background with the Hex color B1FA53.

# 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



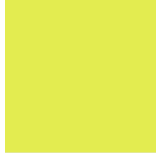


**Tritanopia**  
C7EAFC

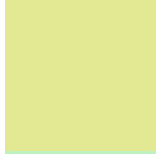
# Trichromacy



**Original Color**  
B1FA53



**Protanomaly**  
E3EC50

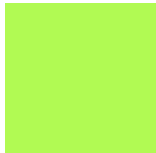


**Deuteranomaly**  
E3E992

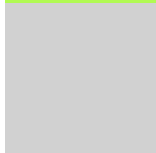


**Tritanomaly**  
BFF0BF

# Monochromacy



**Original Color**  
B1FA53



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
C5E0A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1FA53 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 #B1FA53 looks like.

```
.text, #text, p{  
    color:#B1FA53  
}
```

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 #B1FA53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FA53
}
```

## Border

The CSS property to change the border of an element to Hex B1FA53 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
#B1FA53 }
```

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

```
.border{ border-color:#B1FA53 }
```

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

Here you see how a box with a 4 pixel #B1FA53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FA53; -webkit-box-shadow:4px 4px  
4px 4px #B1FA53; box-shadow:4px 4px 4px  
4px #B1FA53 }
```

# Background

The CSS property to change the background color of an element to Hex B1FA53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FA53 }
```

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

```
.background{ background-color:#B1FA53 }
```

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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