

Converting Colors

Hex(52B938)

Have a look what the booklet for
Hex(52B938) contains.

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Color

Hex(52B938)

Conversions

Conversions Part 1

Format	Color
Hex	52B938
RGB	82, 185, 56
RGB Percent	32%, 73%, 22%
CMY	0.6784, 0.2745, 0.7804
CMYK	0.56, 0.00, 0.70, 0.27
HSL	108°, 54%, 47%
HSV	108°, 70%, 73%
XYZ	21.5424, 36.7773, 9.7047
YIQ	139.4970, -19.9790, -61.9550

Conversions

Conversions Part 2

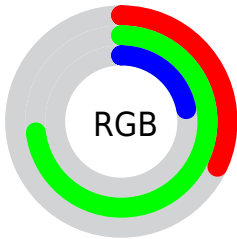
Format	Color
RYB	56, 185, 159
Decimal	5421368
CIELab	67.11, -53.38, 53.95
CIELCh	67, 75.897, 134.693
Yxy	36.7773, 0.3167, 0.5406
Android (android.graphics.Color)	4283611448 (0xFF52B938)
YUV	139.4970, -41.1640, -50.4249
Hunter-Lab	60.6443, -42.7196, 32.9630

Details

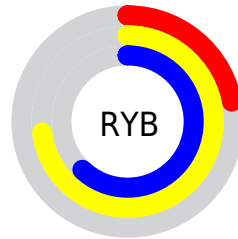
The Hex color **52B938** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9F38B9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8DF26E**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **43B926**, and if you desaturate by 10%, it is **61B94A**.

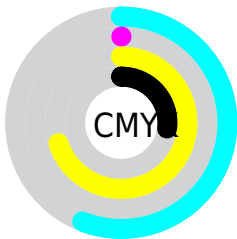
Distribution



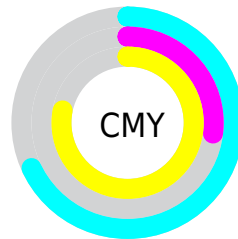
- Red (32%)
- Green (73%)
- Blue (22%)



- Red (22%)
- Yellow (73%)
- Blue (62%)



- Cyan (56%)
- Magenta (0%)
- Yellow (70%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B938 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 52B938 by changing the saturation by 10% instead.



52B938



52B938

FFFFFF



329E1A



8DF26E



008300



A AFF89



006900



C7FFA4



004F00



E5FFC0



003700



FFFFDD



002000



FFFFFA



000000



52B938



52B938



43B926



61B94A

 34B913

 70B95D

 26B901

 7EB970

 25B900

 8DB982

 9CB995

 ABB9A7

 B9B9BA

 C8B9CC

 D7B9DE

Harmonies

Analogous

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



A4AB00



52B938



00C07D

Triad

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



52B938



00B5FF



FF5C85

Complementary

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



52B938



9F38B9

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.



FF62C9



52B938



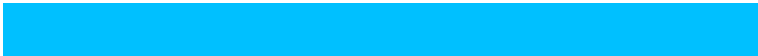
4AA0FF

Square

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



52B938



00C0FF



D081FF



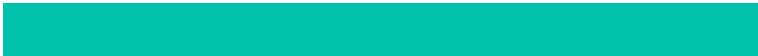
FF7545

Rectangle

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



52B938



00C2AD



D081FF



FF5A9C

Sweetspot

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



52B938



C8F0BD



B99D38



60785A



F7F7F7



787878

Same Dimension

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



52B938



4FF026



38B95D



545C53



1F9C00



061C00

Inverse Universe

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



9F38B9



C726F0



B93894



5A535C



7C009C



16001C

Previews

White Background



This preview shows how the Hex color 52B938 looks on a white background.

Color Contrast Check

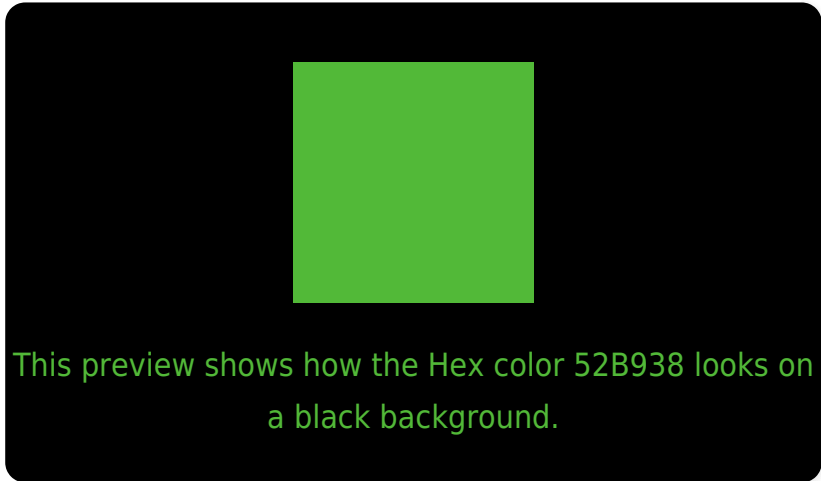
Large Text (above 18pt) WCAG AA × Fail

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 52B938 Background



This preview shows how black text looks on a background with the Hex color 52B938.

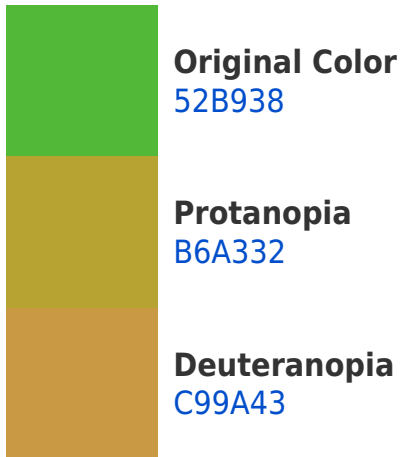


This preview shows how white text looks on a background with the Hex color 52B938.

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
6CADBB

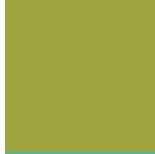
Trichromacy



Original Color
52B938



Protanomaly
92AB34



Deuteranomaly
9EA53F



Tritanomaly
63B18B

Monochromacy



Original Color
52B938



Achromatopsia
8B8B8B



Achromatomaly
769C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B938 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 #52B938 looks like.

```
.text, #text, p{  
    color:#52B938  
}
```

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 #52B938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B938  
}
```

Border

The CSS property to change the border of an element to Hex 52B938 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  
#52B938 }
```

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

```
.border{ border-color:#52B938 }
```

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

Here you see how a box with a 4 pixel #52B938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B938; -webkit-box-shadow:4px 4px  
4px 4px #52B938; box-shadow:4px 4px 4px  
4px #52B938 }
```

Background

The CSS property to change the background color of an element to Hex 52B938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B938 }
```

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

```
.background{ background-color:#52B938 }
```

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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