

Converting Colors

Hex(52B846)

Have a look what the booklet for
Hex(52B846) contains.

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Color

Hex(52B846)

Conversions

Conversions Part 1

Format	Color
Hex	52B846
RGB	82, 184, 70
RGB Percent	32%, 72%, 27%
CMY	0.6784, 0.2784, 0.7255
CMYK	0.55, 0.00, 0.62, 0.28
HSL	114°, 45%, 50%
HSV	114°, 62%, 72%
XYZ	21.7257, 36.5170, 11.6978
YIQ	140.5060, -24.1980, -57.0780

Conversions

Conversions Part 2

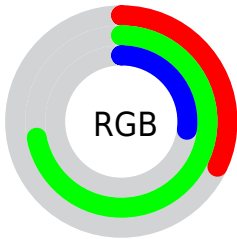
Format	Color
RYB	70, 184, 172
Decimal	5421126
CIELab	66.91, -51.67, 47.88
CIELCh	67, 70.441, 137.183
Yxy	36.5170, 0.3106, 0.5221
Android (android.graphics.Color)	4283611206 (0xFF52B846)
YUV	140.5060, -34.7595, -51.3098
Hunter-Lab	60.4293, -41.5766, 30.8233

Details

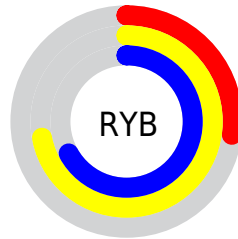
The Hex color **52B846** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AC46B8**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8CF17A**, and **01820D** is the 20% darker color. If you saturate the color by 10%, you get **42B834**, and if you desaturate by 10%, it is **62B858**.

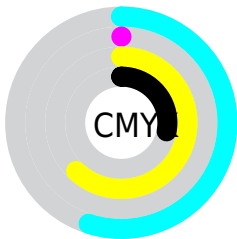
Distribution



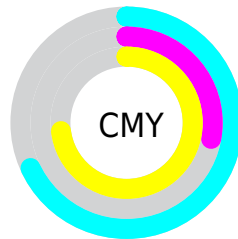
- Red (32%)
- Green (72%)
- Blue (27%)



- Red (27%)
- Yellow (72%)
- Blue (67%)



- Cyan (55%)
- Magenta (0%)
- Yellow (62%)
- Black (28%)



- Cyan (68%)
- Magenta (28%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B846 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 52B846 by changing the saturation by 10% instead.

 52B846

 52B846

FFFFFF

 339D2C

 8CF17A

 01820D

 A9FF95

 006800

 C6FFB1

 004F00

 E4FFCD

 003700

 FFFFEA

 002000

 000000

 52B846

 52B846

 42B834

 62B858

 31B821

 73B86B

 21B80F

 83B87D

 13B800

 94B890

 A4B8A2

 B5B8B4

 C5B8C7

 D6B8D9

 E6B8EC

Harmonies

Analogous

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



9FAB0D



52B846



00BF85

Triad

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



52B846



00B2FF



FF6581

Complementary

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



52B846



AC46B8

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.



FF68C1



52B846



699DFF

Square

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



52B846



00BDFE



D381FA



FF7B47

Rectangle

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



52B846



00C0B1



D381FA



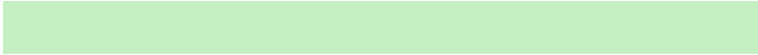
FF6396

Sweetspot

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



52B846



C7F0C2



B8AB46



5F785C



F7F7F7



787878

Same Dimension

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



52B846



51F03E



46B872



545C53



109C00



031C00

Inverse Universe

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



AC46B8



DD3EF0



B8468C



5B535C



8B009C



19001C

Previews

White Background



This preview shows how the Hex color 52B846 looks on a white background.

Color Contrast Check

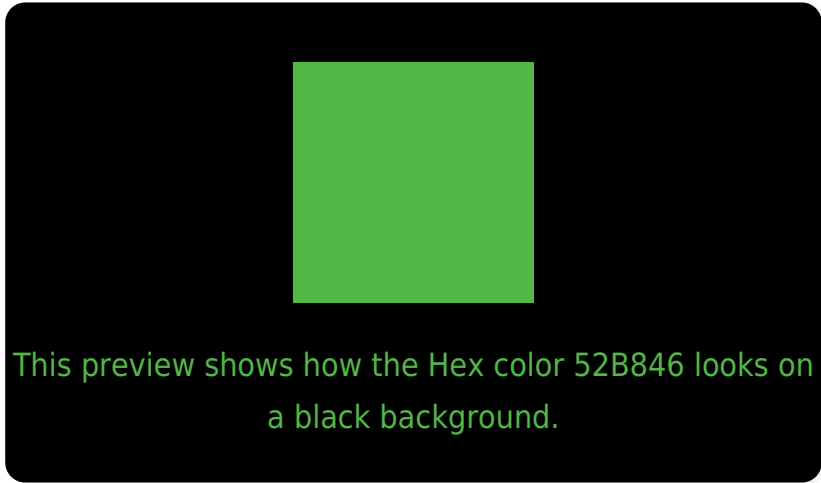
Large Text (above 18pt) WCAG AA × Fail

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

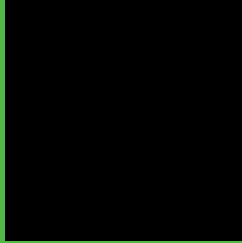
Any Text WCAG AA ✓ Pass

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 52B846 Background



This preview shows how black text looks on a background with the Hex color 52B846.

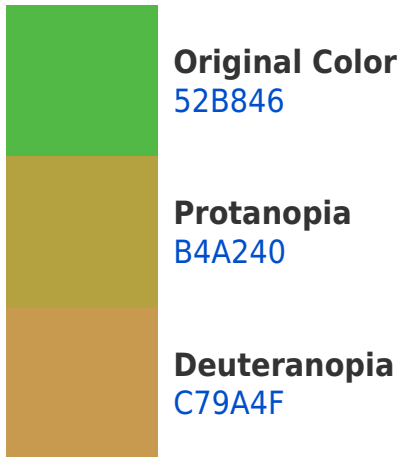


This preview shows how white text looks on a background with the Hex color 52B846.

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
52B846



Protanomaly
90AA42



Deuteranomaly
9CA54C



Tritanomaly
62B090

Monochromacy



Original Color
52B846



Achromatopsia
8D8D8D



Achromatomaly
789D73

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B846 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 #52B846 looks like.

```
.text, #text, p{  
    color:#52B846  
}
```

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 #52B846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B846
}
```

Border

The CSS property to change the border of an element to Hex 52B846 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
#52B846 }
```

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

```
.border{ border-color:#52B846 }
```

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

Here you see how a box with a 4 pixel #52B846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B846; -webkit-box-shadow:4px 4px  
4px 4px #52B846; box-shadow:4px 4px 4px  
4px #52B846 }
```

Background

The CSS property to change the background color of an element to Hex 52B846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B846 }
```

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

```
.background{ background-color:#52B846 }
```

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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