

Converting Colors

Hex(52B058)

Have a look what the booklet for
Hex(52B058) contains.

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Color

Hex(52B058)

Conversions

Conversions Part 1

Format	Color
Hex	52B058
RGB	82, 176, 88
RGB Percent	32%, 69%, 35%
CMY	0.6784, 0.3098, 0.6549
CMYK	0.53, 0.00, 0.50, 0.31
HSL	124°, 37%, 51%
HSV	124°, 53%, 69%
XYZ	20.7665, 33.5491, 14.6136
YIQ	137.8620, -27.7760, -47.2960

Conversions

Conversions Part 2

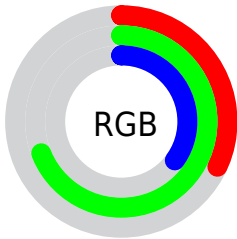
Format	Color
RYB	82, 170, 176
Decimal	5419096
CIELab	64.60, -46.28, 36.57
CIELCh	65, 58.986, 141.683
Yxy	33.5491, 0.3013, 0.4867
Android (android.graphics.Color)	4283609176 (0xFF52B058)
YUV	137.8620, -24.5820, -48.9910
Hunter-Lab	57.9216, -37.3656, 25.5862

Details

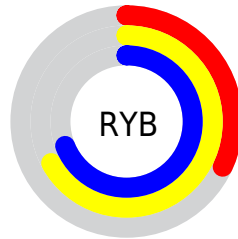
The Hex color **52B058** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B052AA**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8AE88C**, and **0E7A27** is the 20% darker color. If you saturate the color by 10%, you get **40B048**, and if you desaturate by 10%, it is **64B068**.

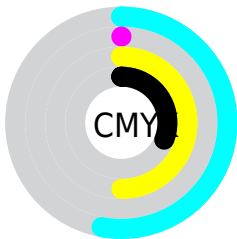
Distribution



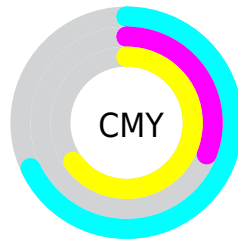
- Red (32%)
- Green (69%)
- Blue (35%)



- Red (32%)
- Yellow (67%)
- Blue (69%)



- Cyan (53%)
- Magenta (0%)
- Yellow (50%)
- Black (31%)



- Cyan (68%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B058 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 52B058 by changing the saturation by 10% instead.



52B058



52B058

FFFFFF



34953F



8AE88C



0E7A27



A7FFA6



00610D



C3FFC2



004800



E1FFDE



003100



FEFFFB



001900



000000



52B058



52B058



40B048



64B068

 2FB037

 75B079

 1DB027

 87B089

 0CB016

 98B09A

 00B00B

 AAB0AA

 BCB0BB

 CDB0CB

 DFB0DC

 FOB0EC

Harmonies

Analogous

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



94A532



52B058



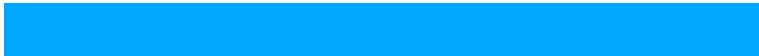
00B58C

Triad

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



52B058



00A7FF



FD6F79

Complementary

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



52B058



B052AA

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.



F56EAE



52B058



8495FF

Square

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



52B058



00B2EE



CF7EDF



EA804B

Rectangle

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



52B058



00B6B0



CF7EDF



FD6C8A

Sweetspot

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



52B058



C1E6C3



ABB052



5D735E



F2F2F2



737373

Same Dimension

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



52B058



53E65C



52B086



505951



00990A



001A02

Inverse Universe

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



B052AA



E653DC



B0527C



595059



99008F



1A0018

Previews

White Background



This preview shows how the Hex color 52B058 looks on a white background.

Color Contrast Check

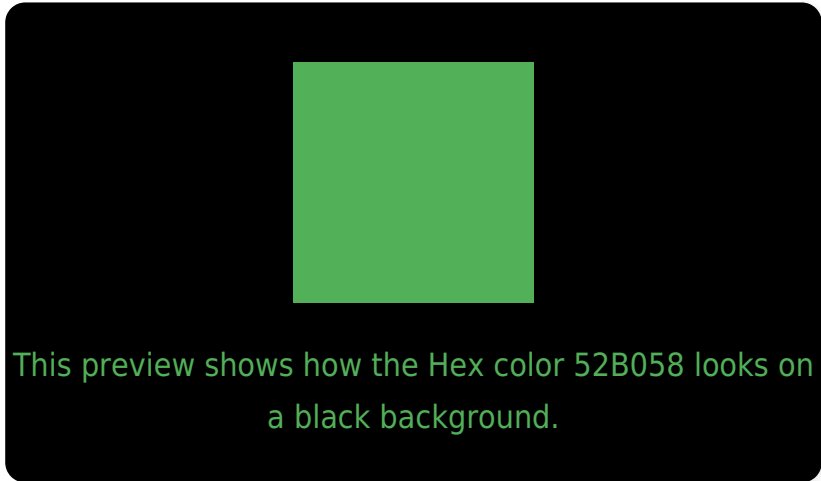
Large Text (above 18pt) WCAG AA × Fail

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

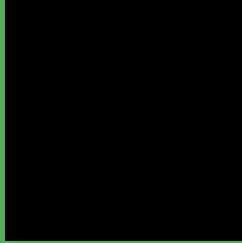
Any Text WCAG AA ✓ Pass

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 52B058 Background



This preview shows how black text looks on a background with the Hex color 52B058.

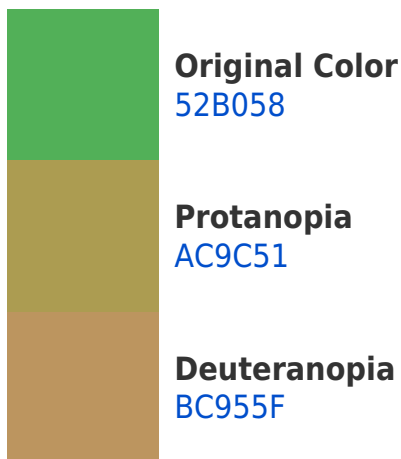


This preview shows how white text looks on a background with the Hex color 52B058.

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
67A6B3

Trichromacy



Original Color
52B058



Protanomaly
8BA354



Deuteranomaly
959F5C



Tritanomaly
5FAA92

Monochromacy



Original Color
52B058



Achromatopsia
8A8A8A



Achromatomaly
769878

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B058 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 #52B058 looks like.

```
.text, #text, p{  
    color:#52B058  
}
```

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 #52B058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B058
}
```

Border

The CSS property to change the border of an element to Hex 52B058 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
#52B058 }
```

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

```
.border{ border-color:#52B058 }
```

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

Here you see how a box with a 4 pixel #52B058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B058; -webkit-box-shadow:4px 4px  
4px 4px #52B058; box-shadow:4px 4px 4px  
4px #52B058 }
```

Background

The CSS property to change the background color of an element to Hex 52B058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B058 }
```

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

```
.background{ background-color:#52B058 }
```

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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