

Converting Colors

Hex(52B749)

Have a look what the booklet for
Hex(52B749) contains.

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Color

Hex(52B749)

Conversions

Conversions Part 1

Format	Color
Hex	52B749
RGB	82, 183, 73
RGB Percent	32%, 72%, 29%
CMY	0.6784, 0.2824, 0.7137
CMYK	0.55, 0.00, 0.60, 0.28
HSL	115°, 43%, 50%
HSV	115°, 60%, 72%
XYZ	21.6158, 36.1419, 12.1401
YIQ	140.2610, -24.8860, -55.6220

Conversions

Conversions Part 2

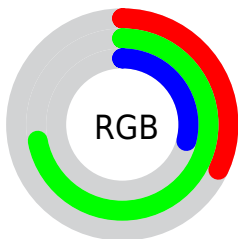
Format	Color
RYB	73, 183, 174
Decimal	5420873
CIELab	66.63, -50.96, 46.20
CIElCh	67, 68.785, 137.803
Yxy	36.1419, 0.3092, 0.5171
Android (android.graphics.Color)	4283610953 (0xFF52B749)
YUV	140.2610, -33.1597, -51.0949
Hunter-Lab	60.1181, -41.0261, 30.1098

Details

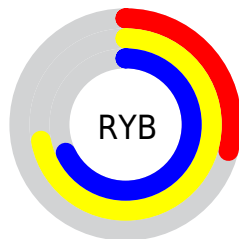
The Hex color **52B749** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AE49B7**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8CF07D**, and **038112** is the 20% darker color. If you saturate the color by 10%, you get **41B737**, and if you desaturate by 10%, it is **63B75B**.

Distribution



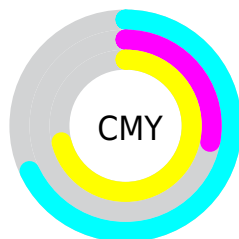
- Red (32%)
- Green (72%)
- Blue (29%)



- Red (29%)
- Yellow (72%)
- Blue (68%)



- Cyan (55%)
- Magenta (0%)
- Yellow (60%)
- Black (28%)



- Cyan (68%)
- Magenta (28%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B749 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 52B749 by changing the saturation by 10% instead.

 52B749

 52B749

FFFFFF

 339C2F

 8CF07D

 038112

 A9FF98

 006700

 C6FFB4

 004E00

 E3FFD0

 003600

 FFFFEC

 001F00

 000000

 52B749

 52B749

 41B737

 63B75B

 30B724

 74B76E

 20B712

 84B780

 0FB700

 95B792

 A6B7A5

 B7B7B7

 C8B7C9

 D8B7DB

 E9B7EE

Harmonies

Analogous

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



9EAA16



52B749



00BE86

Triad

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



52B749



00B0FF



FF6780

Complementary

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



52B749



AE49B7

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.



FF69BE



52B749



6E9CFF

Square

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



52B749



00BBFD



D381F6



FF7C48

Rectangle

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



52B749



00BFB1



D381F6



FF6494

Sweetspot

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



52B749



C6EDC2



B7AE49



60785D



F7F7F7



787878

Same Dimension

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



52B749



50ED42



49B777



535C53



0D9C00



021C00

Inverse Universe

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



AE49B7



DF42ED



B74989



5B535C



8F009C



1A001C

Previews

White Background



This preview shows how the Hex color 52B749 looks on a white background.

Color Contrast Check

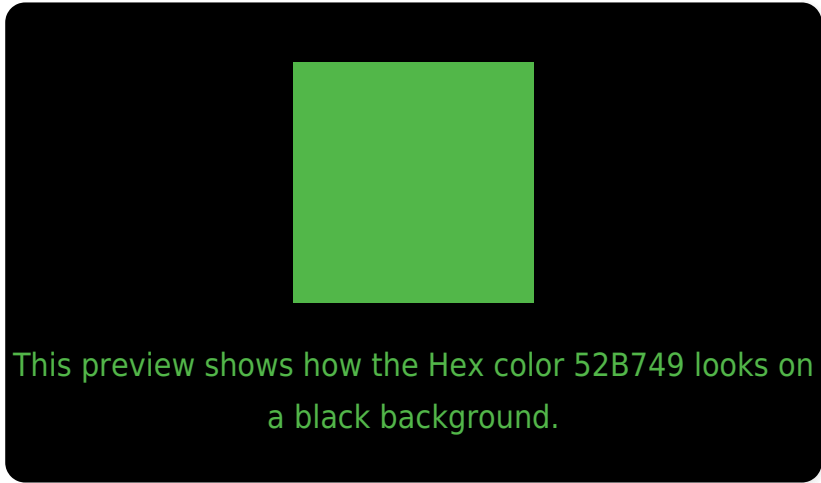
Large Text (above 18pt) WCAG AA × Fail

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

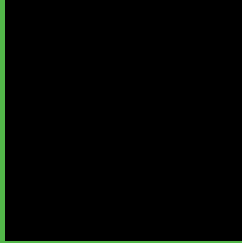
Any Text WCAG AA ✓ Pass

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 52B749 Background



This preview shows how black text looks on a background with the Hex color 52B749.

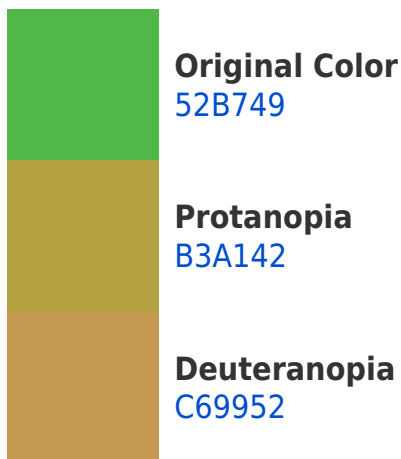


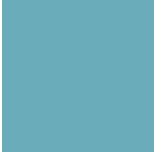
This preview shows how white text looks on a background with the Hex color 52B749.

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
6AACB9

Trichromacy



Original Color
52B749



Protanomaly
90A945



Deuteranomaly
9CA44F



Tritanomaly
61B090

Monochromacy



Original Color
52B749



Achromatopsia
8C8C8C



Achromatomaly
779C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B749 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 #52B749 looks like.

```
.text, #text, p{  
    color:#52B749  
}
```

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 #52B749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B749
}
```

Border

The CSS property to change the border of an element to Hex 52B749 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
#52B749 }
```

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

```
.border{ border-color:#52B749 }
```

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

Here you see how a box with a 4 pixel #52B749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B749; -webkit-box-shadow:4px 4px  
4px 4px #52B749; box-shadow:4px 4px 4px  
4px #52B749 }
```

Background

The CSS property to change the background color of an element to Hex 52B749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B749 }
```

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

```
.background{ background-color:#52B749 }
```

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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