

Converting Colors

Hex(52B774)

Have a look what the booklet for
Hex(52B774) contains.

| | |
|--|----|
| Hex(52B774) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(52B774)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 52B774 |
| RGB | 82, 183, 116 |
| RGB Percent | 32%, 72%, 45% |
| CMY | 0.6784, 0.2824, 0.5451 |
| CMYK | 0.55, 0.00, 0.37, 0.28 |
| HSL | 140°, 41%, 52% |
| HSV | 140°, 55%, 72% |
| XYZ | 23.5655, 36.9218, 22.4076 |
| YIQ | 145.1630, -38.6890, -42.2490 |

Conversions

Conversions Part 2

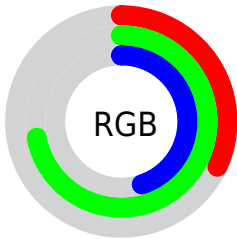
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 82, 158, 183 |
| Decimal | 5420916 |
| CIELab | 67.22, -44.59, 25.40 |
| CIELCh | 67, 51.316, 150.332 |
| Yxy | 36.9218, 0.2843, 0.4454 |
| Android (android.graphics.Color) | 4283610996 (0xFF52B774) |
| YUV | 145.1630, -14.3774, -55.3940 |
| Hunter-Lab | 60.7633, -37.1089, 20.6700 |

Details

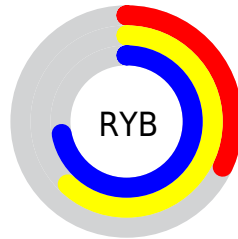
The Hex color **52B774** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B75295**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8BF0A9**, and **0B8143** is the 20% darker color. If you saturate the color by 10%, you get **40B768**, and if you desaturate by 10%, it is **64B780**.

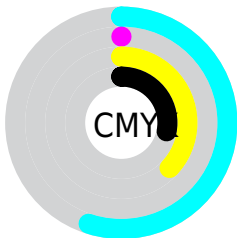
Distribution



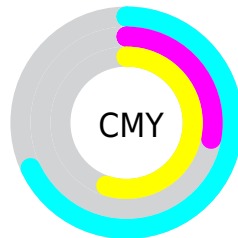
- Red (32%)
- Green (72%)
- Blue (45%)



- Red (32%)
- Yellow (62%)
- Blue (72%)



- Cyan (55%)
- Magenta (0%)
- Yellow (37%)
- Black (28%)



- Cyan (68%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B774 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 52B774 by changing the saturation by 10% instead.

 52B774

 52B774

FFFFFF

 349C5B

 8BF0A9

 0B8143

 A7FFC4

 00672C

 C4FFE0

 004E15

 E1FFFD

 003600

 002100

 000000

 52B774

 52B774

 40B768

 64B780

 2DB75C

 77B78C

 1BB750

 89B798

 09B743

 9BB7A5

 00B73E

 AEB7B1

 C0B7BD

 D2B7C9

 E4B7D5

 F7B7E1

Harmonies

Analogous

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



8FAF50



52B774



00BBA3

Triad

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



52B774



4BA8FF



F88178

Complementary

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



52B774



B75295

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.



F77CA5



52B774



A797F4

Square

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



52B774



00B4F3



DD86D2



E29054

Rectangle

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



52B774



00BBC2



DD86D2



FA7E86

Sweetspot

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



52B774



C5EDD2



95B752



607868



F7F7F7



787878

Same Dimension

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



52B774



51ED85



52B7A6



535C56



009C34



001C09

Inverse Universe

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



B75295



ED51B8



B75263



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 52B774 looks on a white background.

Color Contrast Check

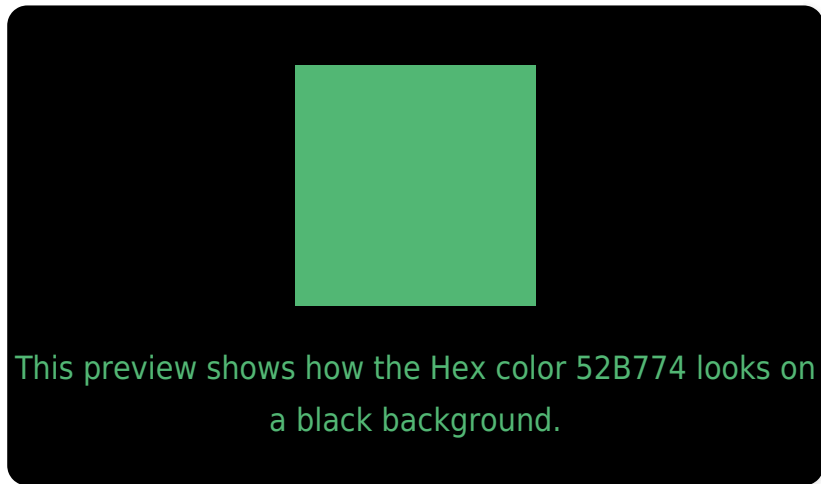
Large Text (above 18pt) WCAG AA × Fail

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 52B774 Background



This preview shows how black text looks on a background with the Hex color 52B774.

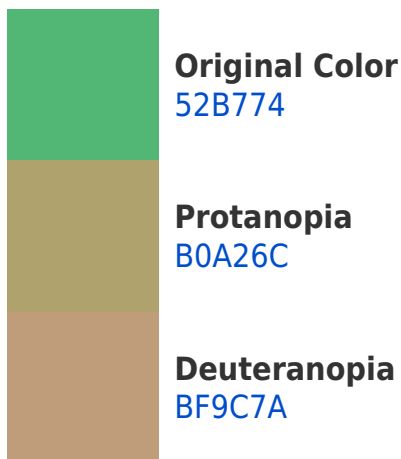


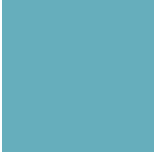
This preview shows how white text looks on a background with the Hex color 52B774.

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
66AEBC

Trichromacy



Original Color
52B774



Protanomaly
8EAA6F



Deuteranomaly
97A678



Tritanomaly
5FB1A2

Monochromacy



Original Color
52B774



Achromatopsia
919191



Achromatomaly
7A9F86

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B774 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 #52B774 looks like.

```
.text, #text, p{  
    color:#52B774  
}
```

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 #52B774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B774
}
```

Border

The CSS property to change the border of an element to Hex 52B774 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
#52B774 }
```

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

```
.border{ border-color:#52B774 }
```

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

Here you see how a box with a 4 pixel #52B774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B774; -webkit-box-shadow:4px 4px  
4px 4px #52B774; box-shadow:4px 4px 4px  
4px #52B774 }
```

Background

The CSS property to change the background color of an element to Hex 52B774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B774 }
```

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

```
.background{ background-color:#52B774 }
```

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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