

Converting Colors

Hex(45B848)

Have a look what the booklet for
Hex(45B848) contains.

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Color

Hex(45B848)

Conversions

Conversions Part 1

Format	Color
Hex	45B848
RGB	69, 184, 72
RGB Percent	27%, 72%, 28%
CMY	0.7294, 0.2784, 0.7176
CMYK	0.63, 0.00, 0.61, 0.28
HSL	122°, 45%, 50%
HSV	122°, 62%, 72%
XYZ	20.7644, 36.0141, 11.9879
YIQ	136.8470, -32.5880, -59.2120

Conversions

Conversions Part 2

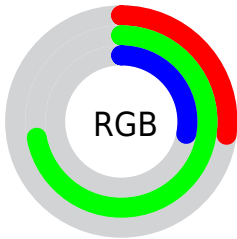
Format	Color
RYB	69, 181, 184
Decimal	4569160
CIELab	66.53, -54.60, 46.44
CIELCh	67, 71.676, 139.618
Yxy	36.0141, 0.3020, 0.5237
Android (android.graphics.Color)	4282759240 (0xFF45B848)
YUV	136.8470, -31.9696, -59.5018
Hunter-Lab	60.0117, -43.2584, 30.1645

Details

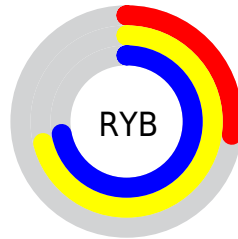
The Hex color **45B848** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B845B5**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **81F17C**, and **008211** is the 20% darker color. If you saturate the color by 10%, you get **33B836**, and if you desaturate by 10%, it is **57B85A**.

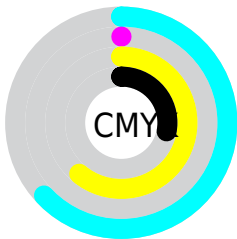
Distribution



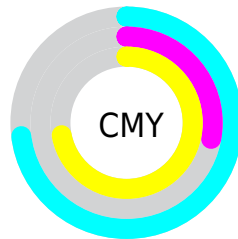
- Red (27%)
- Green (72%)
- Blue (28%)



- Red (27%)
- Yellow (71%)
- Blue (72%)



- Cyan (63%)
- Magenta (0%)
- Yellow (61%)
- Black (28%)



- Cyan (73%)
- Magenta (28%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45B848 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 45B848 by changing the saturation by 10% instead.

 45B848

 45B848

FFFFFF

 209C2E

 81F17C

 008211

 9EFF97

 006800

 BCFFB3


 004E00

 D9FFCF

 003600

 F7FFEC

 001F00

 000000

 45B848

 45B848

 33B836

 57B85A

 20B824

 6AB86C

 0EB812

 7CB87E

 00B805

 8FB890

 A1B8A2

 B3B8B4

 C6B8C5

 D8B8D7

 EBB8E9

Harmonies

Analogous

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



99AB07



45B848



00BE88

Triad

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



45B848



00B0FF



FF647B

Complementary

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



45B848



B845B5

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.



FF64BB



45B848



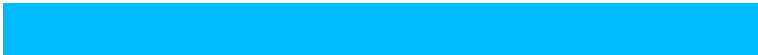
729AFF

Square

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



45B848



00BCFF



D97DF6



FF7C40

Rectangle

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



45B848



00C0B5



D97DF6



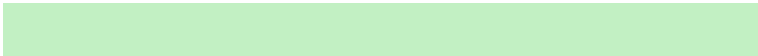
FF6090

Sweetspot

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



45B848



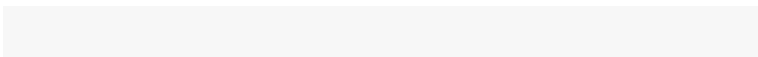
C2F0C3



B6B845



5C785D



F7F7F7



787878

Same Dimension

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



45B848



3CF041



45B880



535C53



009C04



001C01

Inverse Universe

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



B845B5



F03CEB



B8457D



5C535C



9C0097



1C001B

Previews

White Background



This preview shows how the Hex color 45B848 looks on a white background.

Color Contrast Check

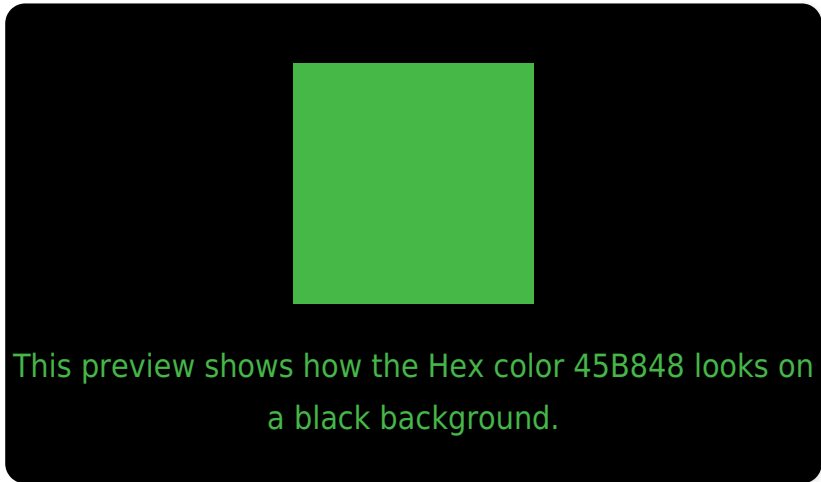
Large Text (above 18pt) WCAG AA × Fail

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

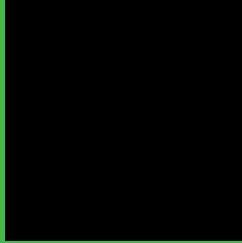
Any Text WCAG AA ✓ Pass

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 45B848 Background



This preview shows how black text looks on a background with the Hex color 45B848.

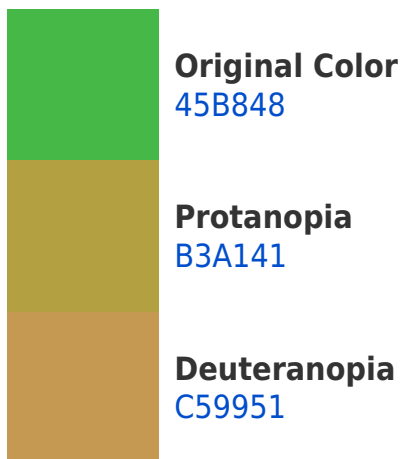


This preview shows how white text looks on a background with the Hex color 45B848.

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



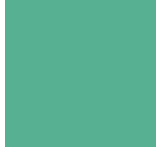
Original Color
45B848



Protanomaly
8BA944



Deuteranomaly
96A44E



Tritanomaly
57B091

Monochromacy



Original Color
45B848



Achromatopsia
898989



Achromatomaly
709A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 45B848 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 #45B848 looks like.

```
.text, #text, p{  
    color:#45B848  
}
```

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 #45B848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45B848
}
```

Border

The CSS property to change the border of an element to Hex 45B848 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
#45B848 }
```

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

```
.border{ border-color:#45B848 }
```

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

Here you see how a box with a 4 pixel #45B848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45B848; -webkit-box-shadow:4px 4px  
4px 4px #45B848; box-shadow:4px 4px 4px  
4px #45B848 }
```

Background

The CSS property to change the background color of an element to Hex 45B848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45B848 }
```

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

```
.background{ background-color:#45B848 }
```

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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