

Converting Colors

Hex(45B449)

Have a look what the booklet for
Hex(45B449) contains.

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Color

Hex(45B449)

Conversions

Conversions Part 1

Format	Color
Hex	45B449
RGB	69, 180, 73
RGB Percent	27%, 71%, 29%
CMY	0.7294, 0.2941, 0.7137
CMYK	0.62, 0.00, 0.59, 0.29
HSL	122°, 45%, 49%
HSV	122°, 62%, 71%
XYZ	19.9781, 34.3888, 11.8881
YIQ	134.6130, -31.8090, -56.8090

Conversions

Conversions Part 2

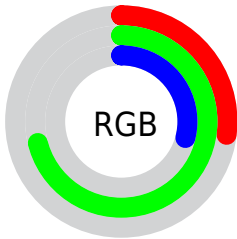
Format	Color
RYB	69, 176, 180
Decimal	4568137
CIELab	65.27, -53.02, 44.53
CIElCh	65, 69.236, 139.971
Yxy	34.3888, 0.3015, 0.5190
Android (android.graphics.Color)	4282758217 (0xFF45B449)
YUV	134.6130, -30.3752, -57.5426
Hunter-Lab	58.6419, -41.8121, 29.0299

Details

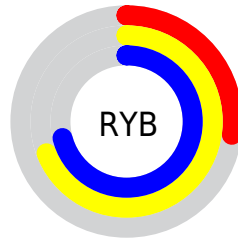
The Hex color **45B449** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B445B0**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **80ED7D**, and **007E13** is the 20% darker color. If you saturate the color by 10%, you get **33B438**, and if you desaturate by 10%, it is **57B45A**.

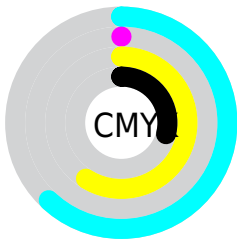
Distribution



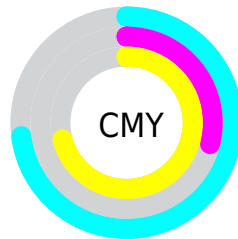
- Red (27%)
- Green (71%)
- Blue (29%)



- Red (27%)
- Yellow (69%)
- Blue (71%)



- Cyan (62%)
- Magenta (0%)
- Yellow (59%)
- Black (29%)



- Cyan (73%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45B449 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 45B449 by changing the saturation by 10% instead.



45B449



45B449

FFFFFF



21992F



80ED7D



007E13



9DFF98



006400



BBFFB3



004B00



D8FFCF



003300



F6FFEC



001B00



000000



45B449



45B449



33B438



57B45A

 21B426

 69B46C

 0FB415

 7BB47D

 00B406

 8DB48E

 9FB4A0

 B1B4B1

 C3B4C2

 D5B4D4

 E7B4E5

Harmonies

Analogous

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



95A811



45B449



00BA87

Triad

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



45B449



00ACFF



FF6378

Complementary

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



45B449



B445B0

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.



FF63B6



45B449



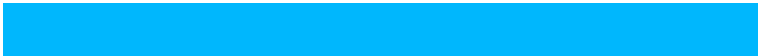
7497FF

Square

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



45B449



00B7FD



D47BEF



F97A40

Rectangle

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



45B449



00BBB2



D47BEF



FF608C

Sweetspot

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



45B449



BEEBC0



B0B445



5A755B



F5F5F5



757575

Same Dimension

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



45B449



3DEB43



45B480



505951



009906



001A01

Inverse Universe

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



B445B0



EB3DE4



B44579



595059



990093



1A0019

Previews

White Background



This preview shows how the Hex color 45B449 looks on a white background.

Color Contrast Check

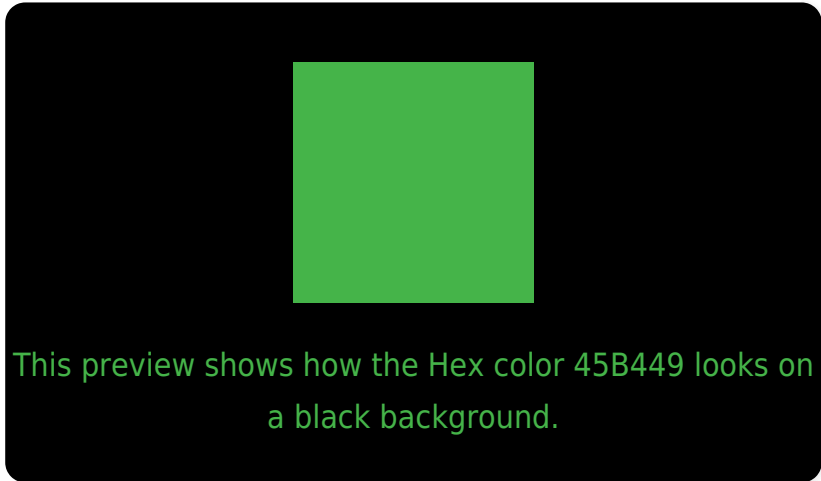
Large Text (above 18pt) WCAG AA × Fail

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

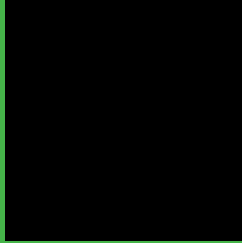
Any Text WCAG AA ✓ Pass

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 45B449 Background



This preview shows how black text looks on a background with the Hex color 45B449.

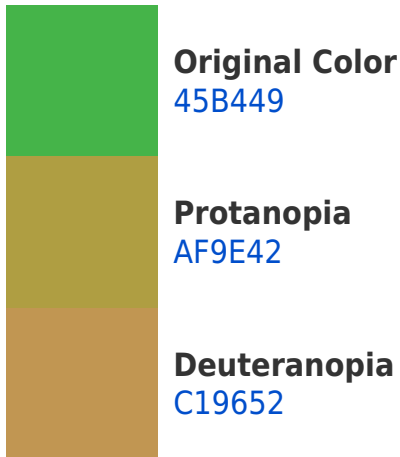


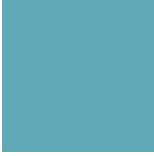
This preview shows how white text looks on a background with the Hex color 45B449.

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](#).

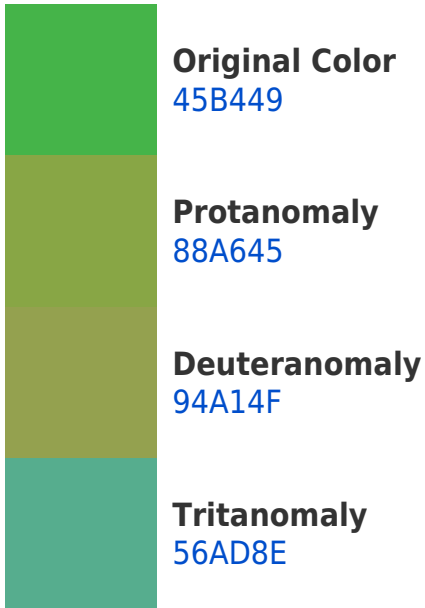
Dichromacy





Tritanopia
60A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45B449 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 #45B449 looks like.

```
.text, #text, p{  
    color:#45B449  
}
```

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 #45B449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45B449
}
```

Border

The CSS property to change the border of an element to Hex 45B449 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
#45B449 }
```

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

```
.border{ border-color:#45B449 }
```

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

Here you see how a box with a 4 pixel #45B449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45B449; -webkit-box-shadow:4px 4px  
4px 4px #45B449; box-shadow:4px 4px 4px  
4px #45B449 }
```

Background

The CSS property to change the background color of an element to Hex 45B449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45B449 }
```

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

```
.background{ background-color:#45B449 }
```

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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