

Converting Colors

Hex(45B55C)

Have a look what the booklet for
Hex(45B55C) contains.

Hex(45B55C)	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(45B55C)

Conversions

Conversions Part 1

Format	Color
Hex	45B55C
RGB	69, 181, 92
RGB Percent	27%, 71%, 36%
CMY	0.7294, 0.2902, 0.6392
CMYK	0.62, 0.00, 0.49, 0.29
HSL	132°, 45%, 49%
HSV	132°, 62%, 71%
XYZ	20.9099, 35.0857, 15.7954
YIQ	137.3660, -38.1830, -51.4230

Conversions

Conversions Part 2

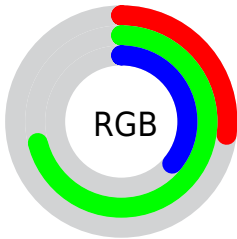
Format	Color
RYB	69, 162, 181
Decimal	4568412
CIELab	65.82, -50.81, 35.97
CIELCh	66, 62.258, 144.704
Yxy	35.0857, 0.2913, 0.4887
Android (android.graphics.Color)	4282758492 (0xFF45B55C)
YUV	137.3660, -22.3654, -59.9570
Hunter-Lab	59.2332, -40.6458, 25.6527

Details

The Hex color **45B55C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B5459E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **80EE90**, and **007F2B** is the 20% darker color. If you saturate the color by 10%, you get **33B54E**, and if you desaturate by 10%, it is **57B56A**.

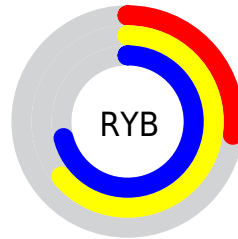
Distribution



Red (27%)

Green (71%)

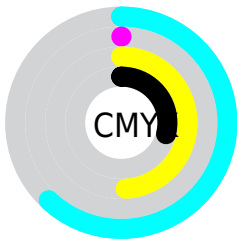
Blue (36%)



Red (27%)

Yellow (64%)

Blue (71%)

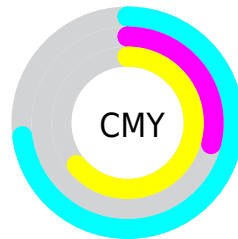


Cyan (62%)

Magenta (0%)

Yellow (49%)

Black (29%)



Cyan (73%)

Magenta (29%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45B55C 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 45B55C by changing the saturation by 10% instead.

 45B55C

 45B55C


FFFFFF

 229A43

 80EE90

 007F2B

 9DFFAB

 006512

 BAFFC6

 004C00

 D7FFE3

 003400

 F5FFFF

 001D00

 000000

 45B55C

 45B55C

 33B54E

 57B56A

 21B53F

 69B579

 0FB531

 7BB587

 00B525

 8DB596

 A0B5A4

 B2B5B2

 C4B5C1

 D6B5CF

 E8B5DD

Harmonies

Analogous

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



90AB30



45B55C



00BA94

Triad

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



45B55C



00A9FF



FF7075

Complementary

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



45B55C



B5459E

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.



FF6CAC



45B55C



8F95FF

Square

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



45B55C



00B5FA



DA7DE1



EE8445

Rectangle

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



45B55C



00BBBB



DA7DE1



FF6C87

Sweetspot

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



45B55C



BEEBC7



9FB545



5A7560



F5F5F5



757575

Same Dimension

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



45B55C



3DEB61



45B593



505952



00991F



001A05

Inverse Universe

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



B5459E



EB3DC7



B54567



595057



99007A



1A0014

Previews

White Background



This preview shows how the Hex color 45B55C looks on a white background.

Color Contrast Check

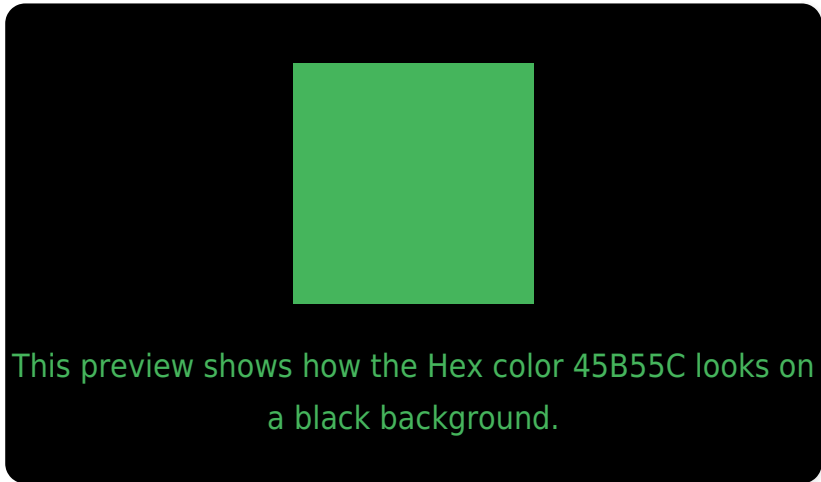
Large Text (above 18pt) WCAG AA × Fail

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 45B55C Background



This preview shows how black text looks on a background with the Hex color 45B55C.

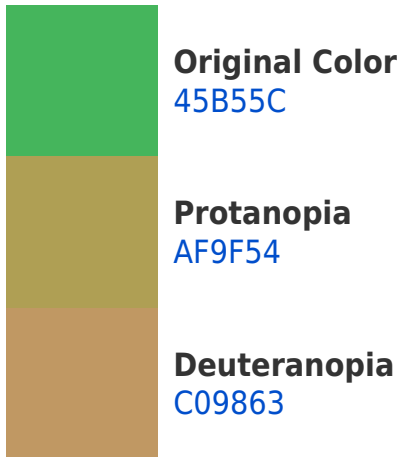


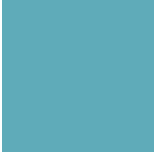
This preview shows how white text looks on a background with the Hex color 45B55C.

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](#).

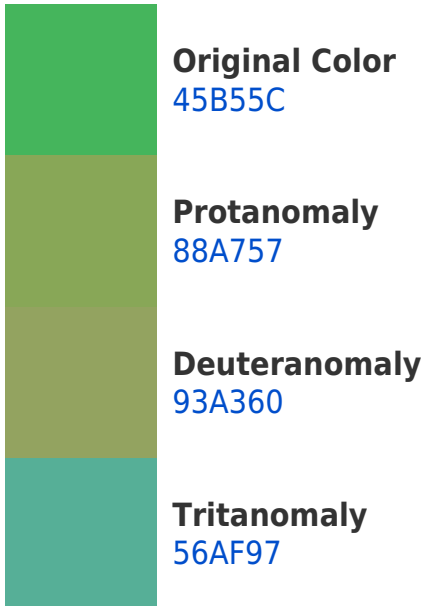
Dichromacy



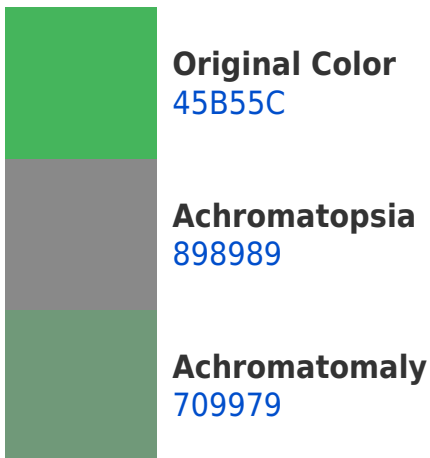


Tritanopia
5FABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45B55C 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 #45B55C looks like.

```
.text, #text, p{  
    color:#45B55C  
}
```

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 #45B55C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45B55C
}
```

Border

The CSS property to change the border of an element to Hex 45B55C 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
#45B55C }
```

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

```
.border{ border-color:#45B55C }
```

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

Here you see how a box with a 4 pixel #45B55C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45B55C; -webkit-box-shadow:4px 4px  
4px 4px #45B55C; box-shadow:4px 4px 4px  
4px #45B55C }
```

Background

The CSS property to change the background color of an element to Hex 45B55C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45B55C }
```

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

```
.background{ background-color:#45B55C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor