

Converting Colors

Hex(45A53C)

Have a look what the booklet for
Hex(45A53C) contains.

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Color

Hex(45A53C)

Conversions

Conversions Part 1

Format	Color
Hex	45A53C
RGB	69, 165, 60
RGB Percent	27%, 65%, 24%
CMY	0.7294, 0.3529, 0.7647
CMYK	0.58, 0.00, 0.64, 0.35
HSL	115°, 47%, 44%
HSV	115°, 64%, 65%
XYZ	16.7250, 28.5017, 8.8948
YIQ	124.3260, -23.5110, -53.0070

Conversions

Conversions Part 2

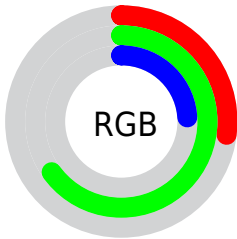
Format	Color
RYB	60, 165, 156
Decimal	4564284
CIELab	60.34, -48.86, 44.84
CIELCh	60, 66.318, 137.459
Yxy	28.5017, 0.3090, 0.5266
Android (android.graphics.Color)	4282754364 (0xFF45A53C)
YUV	124.3260, -31.7127, -48.5209
Hunter-Lab	53.3870, -37.5071, 27.4925

Details

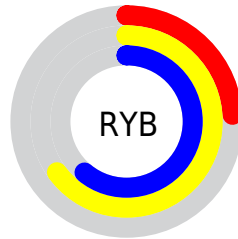
The Hex color **45A53C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9C3CA5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7EDD70**, and **007001** is the 20% darker color. If you saturate the color by 10%, you get **36A52C**, and if you desaturate by 10%, it is **54A54C**.

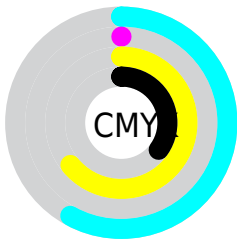
Distribution



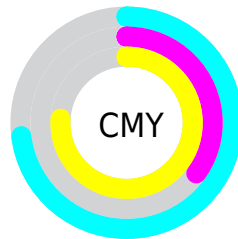
- Red (27%)
- Green (65%)
- Blue (24%)



- Red (24%)
- Yellow (65%)
- Blue (61%)



- Cyan (58%)
- Magenta (0%)
- Yellow (64%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A53C 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 45A53C by changing the saturation by 10% instead.

 45A53C

 45A53C

FFFFFF

 248A22

 7EDD70

 007001

 9BFA8A

 005700

 B8FFA5

 003E00

 D5FFC1

 002900

 F2FFDD

 000200

 FFFFFA

 000000

 45A53C

 45A53C

 36A52C

 54A54C

 27A51B

 63A55D

 18A50B

 72A56E

 0EA500

 81A57E

 90A58E

 A0A59F

 AFA5B0

 BEA5C0

 CDA5D0

Harmonies

Analogous

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



8D9901



45A53C



00AB76

Triad

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



45A53C



009FFF



FA5872

Complementary

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



45A53C



9C3CA5

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.



EE5AAD



45A53C



5C8CFF

Square

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



45A53C



00A9E7



BF72E1



E96D3C

Rectangle

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



45A53C



00AD9F



BF72E1



FA5585

Sweetspot

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



45A53C



B1D6AE



A59A3C



556B52



EBEBEB



6B6B6B

Same Dimension

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



45A53C



41D633



3CA566



4A5249



0C9100



021200

Inverse Universe

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



9C3CA5



C833D6



A53C7B



514952



850091



100012

Previews

White Background



This preview shows how the Hex color 45A53C looks on a white background.

Color Contrast Check

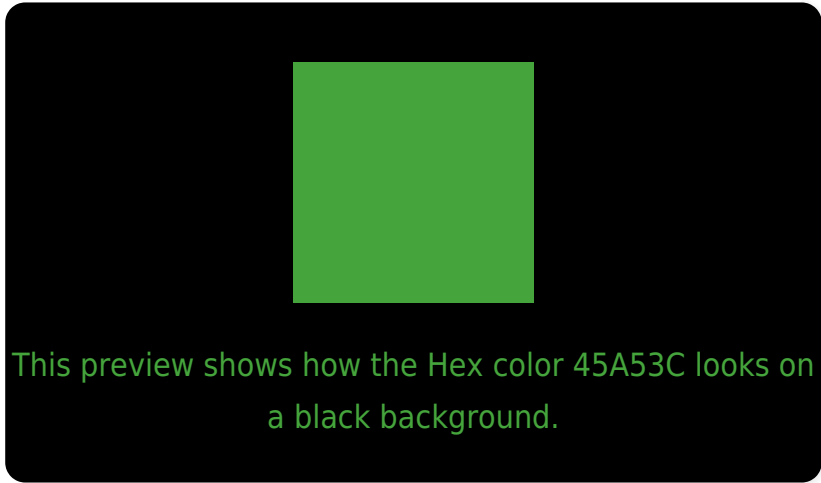
Large Text (above 18pt) WCAG AA ✓ Pass

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

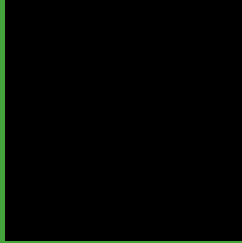
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 45A53C Background



This preview shows how black text looks on a background with the Hex color 45A53C.

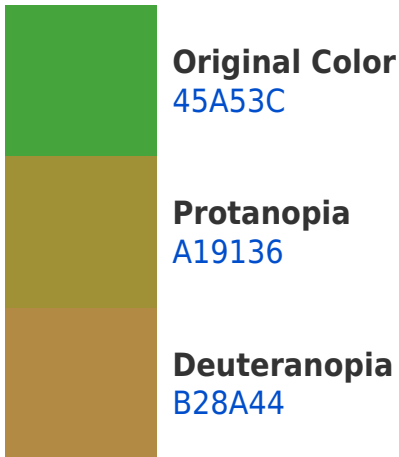


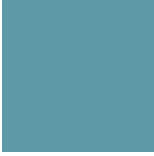
This preview shows how white text looks on a background with the Hex color 45A53C.

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](#).

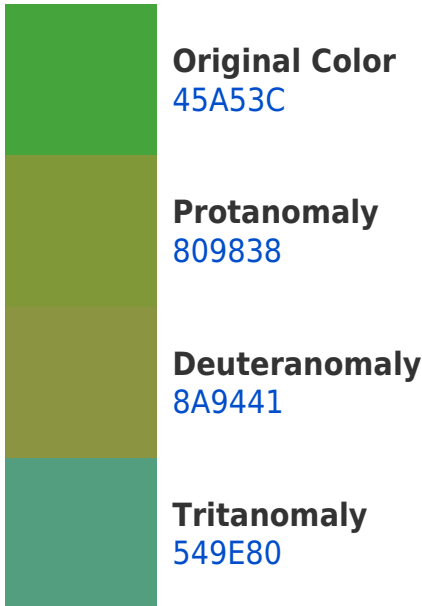
Dichromacy



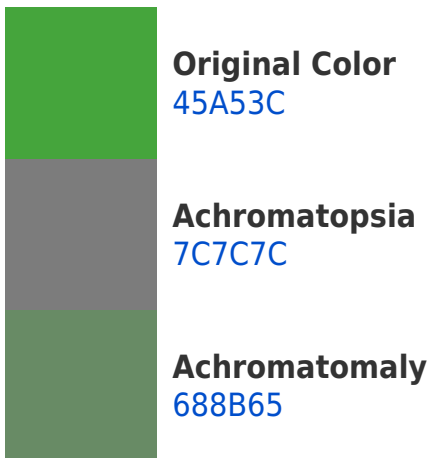


Tritanopia
5D9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45A53C 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 #45A53C looks like.

```
.text, #text, p{  
    color:#45A53C  
}
```

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 #45A53C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A53C
}
```

Border

The CSS property to change the border of an element to Hex 45A53C 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
#45A53C }
```

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

```
.border{ border-color:#45A53C }
```

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

Here you see how a box with a 4 pixel #45A53C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A53C; -webkit-box-shadow:4px 4px  
4px 4px #45A53C; box-shadow:4px 4px 4px  
4px #45A53C }
```

Background

The CSS property to change the background color of an element to Hex 45A53C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A53C }
```

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

```
.background{ background-color:#45A53C }
```

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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