

Converting Colors

Hex(45E44C)

Have a look what the booklet for
Hex(45E44C) contains.

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Color

Hex(45E44C)

Conversions

Conversions Part 1

Format	Color
Hex	45E44C
RGB	69, 228, 76
RGB Percent	27%, 89%, 30%
CMY	0.7294, 0.1059, 0.7020
CMYK	0.70, 0.00, 0.67, 0.11
HSL	123°, 75%, 58%
HSV	123°, 70%, 89%
XYZ	31.5022, 57.2738, 16.2321
YIQ	163.1310, -45.9720, -80.9800

Conversions

Conversions Part 2

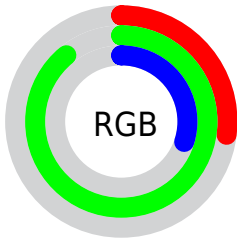
Format	Color
RYB	69, 221, 228
Decimal	4580428
CIELab	80.33, -69.21, 60.04
CIELCh	80, 91.624, 139.055
Yxy	57.2738, 0.3000, 0.5454
Android (android.graphics.Color)	4282770508 (0xFF45E44C)
YUV	163.1310, -42.9556, -82.5529
Hunter-Lab	75.6795, -58.1371, 40.2588

Details

The Hex color **45E44C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **E445DD**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **89FF83**, and **00AB07** is the 20% darker color. If you saturate the color by 10%, you get **2EE436**, and if you desaturate by 10%, it is **5CE462**.

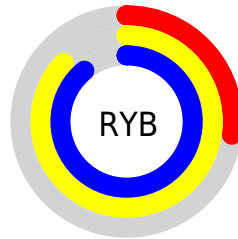
Distribution



Red (27%)

Green (89%)

Blue (30%)



Red (27%)

Yellow (87%)

Blue (89%)

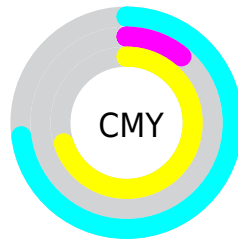


Cyan (70%)

Magenta (0%)

Yellow (67%)

Black (11%)



Cyan (73%)

Magenta (11%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45E44C 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 45E44C by changing the saturation by 10% instead.

 45E44C

 45E44C

FFFFFF

 0CC72F

 89FF83

 00AB07

 A8FF9F

 008F00

 C7FFBB

 007500

 E6FFD8

 005A00

 FFFFF5

 004100

 002900

 000200

 000000

 45E44C

 45E44C

 2EE436

 5CE462

 17E420

 73E478

 01E40B

 89E48D

 00E40A

 A0E4A3

 B7E4B9

 CEE4CF

 E5E4E5

 FBE4FA

 FFE4FF

Harmonies

Analogous

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



BBD400



45E44C



00ECA4

Triad

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



45E44C



00DBFF



FF6F95

Complementary

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



45E44C



E445DD

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.



FF6FEA



45E44C



7BBEFF

Square

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



45E44C



00E9FF



FF95FF



FF9245

Rectangle

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



45E44C



00EEEE



FF95FF



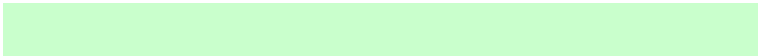
FF69B1

Sweetspot

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



45E44C



C9FFCC



DFE445



608061



000000



808080

Same Dimension

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



45E44C



29FF32



45E49A



677368



00B308



003302

Inverse Universe

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



E445DD



FF29F6



E4458F



736772



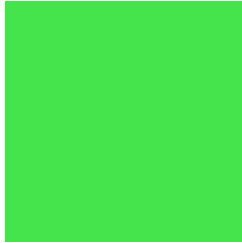
B300AB



330031

Previews

White Background



This preview shows how the Hex color 45E44C 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



This preview shows how the Hex color 45E44C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

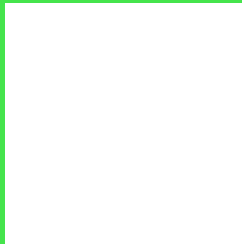
Any Text WCAG AAA ✓ Pass

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

Hex 45E44C Background



This preview shows how black text looks on a background with the Hex color 45E44C.

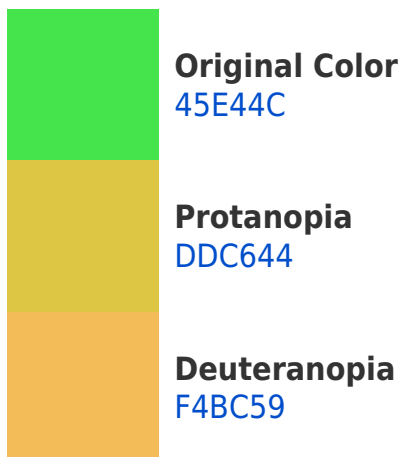


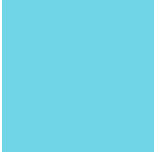
This preview shows how white text looks on a background with the Hex color 45E44C.

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](#).

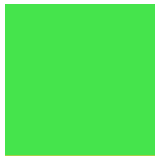
Dichromacy





Tritanopia
70D5E6

Trichromacy



Original Color
45E44C



Protanomaly
A6D147



Deuteranomaly
B4CB54



Tritanomaly
60DAAE

Monochromacy



Original Color
45E44C



Achromatopsia
A3A3A3



Achromatomaly
81BB83

CSS Examples

Text

The CSS property to change the color of the text to Hex 45E44C 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 #45E44C looks like.

```
.text, #text, p{  
    color:#45E44C  
}
```

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 #45E44C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45E44C
}
```

Border

The CSS property to change the border of an element to Hex 45E44C 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
#45E44C }
```

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

```
.border{ border-color:#45E44C }
```

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

Here you see how a box with a 4 pixel #45E44C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45E44C; -webkit-box-shadow:4px 4px  
4px 4px #45E44C; box-shadow:4px 4px 4px  
4px #45E44C }
```

Background

The CSS property to change the background color of an element to Hex 45E44C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45E44C }
```

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

```
.background{ background-color:#45E44C }
```

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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