

Converting Colors

Hex(45E36E)

Have a look what the booklet for
Hex(45E36E) contains.

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Color

Hex(45E36E)

Conversions

Conversions Part 1

Format	Color
Hex	45E36E
RGB	69, 227, 110
RGB Percent	27%, 89%, 43%
CMY	0.7294, 0.1098, 0.5686
CMYK	0.70, 0.00, 0.52, 0.11
HSL	136°, 74%, 58%
HSV	136°, 70%, 89%
XYZ	32.7378, 57.3292, 24.0920
YIQ	166.4200, -56.6110, -69.8830

Conversions

Conversions Part 2

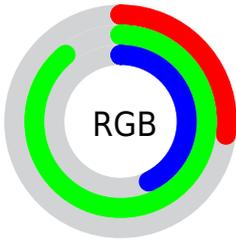
Format	Color
RYB	69, 194, 227
Decimal	4580206
CIELab	80.36, -64.88, 45.18
CIElCh	80, 79.056, 145.147
Yxy	57.3292, 0.2868, 0.5022
Android (android.graphics.Color)	4282770286 (0xFF45E36E)
YUV	166.4200, -27.8151, -85.4373
Hunter-Lab	75.7160, -55.3239, 34.1358

Details

The Hex color **45E36E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle muted spring green. A complement of this color would be **E345BA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **88FFA4**, and **00AA3A** is the 20% darker color. If you saturate the color by 10%, you get **2EE35D**, and if you desaturate by 10%, it is **5CE37F**.

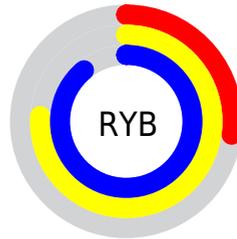
Distribution



Red (27%)

Green (89%)

Blue (43%)



Red (27%)

Yellow (76%)

Blue (89%)

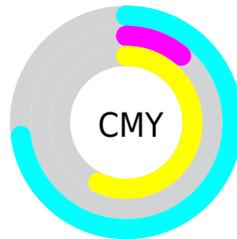


Cyan (70%)

Magenta (0%)

Yellow (52%)

Black (11%)



Cyan (73%)

Magenta (11%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45E36E 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 45E36E by changing the saturation by 10% instead.

 45E36E

FFFFFF

 88FFA4

 A7FFBF

 C5FFDC

 E4FFF9

 45E36E

 11C654

 00AA3A

 008F20

 007400

 005A00

 004100

 002900

 000200

 000000

 45E36E

 45E36E

 2EE35D

 5CE37F

 18E34C

 72E390

 01E33C

 89E3A0

 00E33B

 A0E3B1

 B6E3C2

 CDE3D3

 E4E3E4

 FBE3F4

 FFE3FF

Harmonies

Analogous

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



B0D62F



45E36E



00E9B9

Triad

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



45E36E



00D4FF



FF868D

Complementary

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



45E36E



E345BA

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.



FF80D7



45E36E



B1B9FF

Square

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



45E36E



00E3FF



FF98FF



FFA24D

Rectangle

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



45E36E



00EAEC



FF98FF



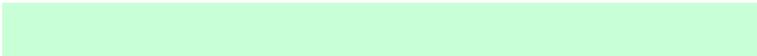
FF80A5

Sweetspot

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



45E36E



C9FFD7



BBE345



608068



000000



808080

Same Dimension

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



45E36E



29FF60



45E3BB



67736A



00B32E



00330D

Inverse Universe

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



E345BA



FF29C7



E3456C



736770



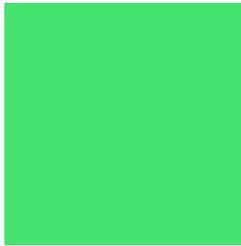
B30084



330026

Previews

White Background



This preview shows how the Hex color 45E36E looks on a white background.

Color Contrast Check

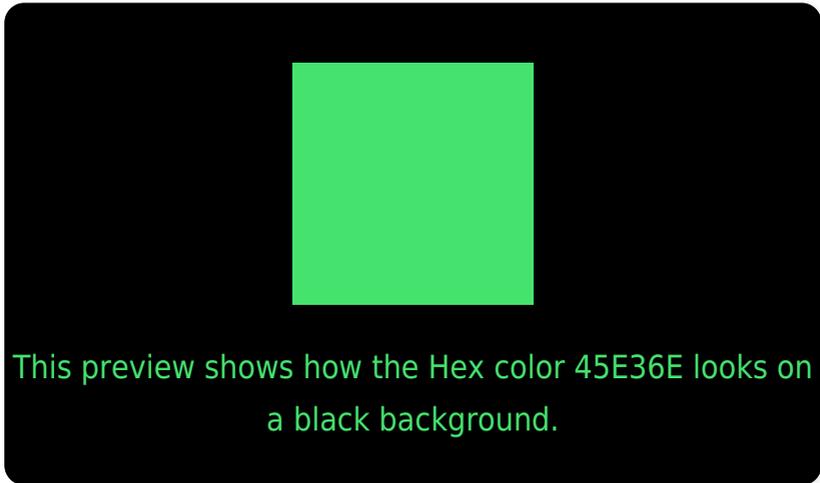
Large Text (above 18pt) WCAG AA × Fail

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

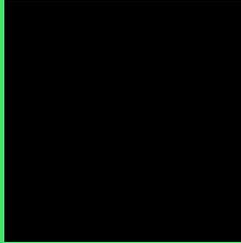
Any Text WCAG AA ✓ Pass

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 45E36E Background



This preview shows how black text looks on a background with the Hex color 45E36E.



This preview shows how white text looks on a background with the Hex color 45E36E.

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
6CD6E7

Trichromacy



Original Color
45E36E



Protanomaly
A4D168

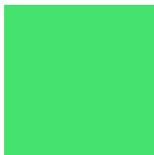


Deuteranomaly
B1CB74



Tritanomaly
5EDBBB

Monochromacy



Original Color
45E36E



Achromatopsia
A6A6A6



Achromatomaly
83BC92

CSS Examples

Text

The CSS property to change the color of the text to Hex 45E36E 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 #45E36E looks like.

```
.text, #text, p{  
    color:#45E36E  
}
```

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 #45E36E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45E36E
}
```

Border

The CSS property to change the border of an element to Hex 45E36E 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
#45E36E }
```

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

```
.border{ border-color:#45E36E }
```

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

Here you see how a box with a 4 pixel #45E36E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45E36E; -webkit-box-shadow:4px 4px  
4px 4px #45E36E; box-shadow:4px 4px 4px  
4px #45E36E }
```

Background

The CSS property to change the background color of an element to Hex 45E36E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45E36E }
```

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

```
.background{ background-color:#45E36E }
```

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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