

Converting Colors

Hex(46E969)

Have a look what the booklet for
Hex(46E969) contains.

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Color

Hex(46E969)

Conversions

Conversions Part 1

Format	Color
Hex	46E969
RGB	70, 233, 105
RGB Percent	27%, 91%, 41%
CMY	0.7255, 0.0863, 0.5882
CMYK	0.70, 0.00, 0.55, 0.09
HSL	133°, 79%, 59%
HSV	133°, 70%, 91%
XYZ	34.2145, 60.5998, 23.2583
YIQ	169.6710, -56.0600, -74.3640

Conversions

Conversions Part 2

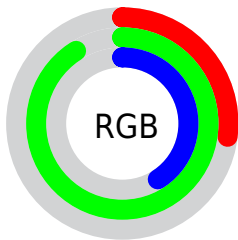
Format	Color
RYB	70, 204, 233
Decimal	4647273
CIELab	82.16, -67.44, 49.69
CIELCh	82, 83.767, 143.615
Yxy	60.5998, 0.2898, 0.5132
Android (android.graphics.Color)	4282837353 (0xFF46E969)
YUV	169.6710, -31.8828, -87.4115
Hunter-Lab	77.8459, -57.7767, 36.7779

Details

The Hex color **46E969** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **E946C6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8AFF9F**, and **00B034** is the 20% darker color. If you saturate the color by 10%, you get **2FE957**, and if you desaturate by 10%, it is **5DE97B**.

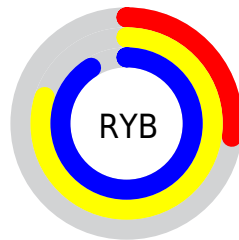
Distribution



Red (27%)

Green (91%)

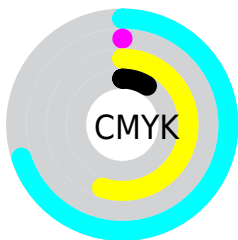
Blue (41%)



Red (27%)

Yellow (80%)

Blue (91%)

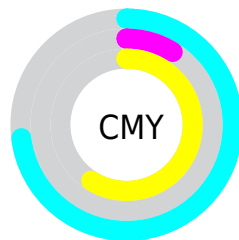


Cyan (70%)

Magenta (0%)

Yellow (55%)

Black (9%)



Cyan (73%)

Magenta (9%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46E969 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 46E969 by changing the saturation by 10% instead.

 46E969

 46E969

FFFFFF

 10CC4F

 8AFF9F

 00B034

 A9FFBB

 009417

 C8FFD7

 007900

 E7FFF4

 005F00

 004500

 002E00

 000E00

 000000

 46E969

 46E969

 2FE957

 5DE97B

 17E944

 75E98E

 00E932

 8CE9A0

 A3E9B2

 BBE9C4

 D2E9D7

 E9E9E9

 FFE9FB

 FFE9FF

Harmonies

Analogous

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



B7DB21



46E969



00F0B8

Triad

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



46E969



00DBFF



FF8492

Complementary

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



46E969



E946C6

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.



FF7FE1



46E969



ABBFFF

Square

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



46E969



00EBFF



FF9BFF



FFA34C

Rectangle

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



46E969



00F1EF



FF9BFF



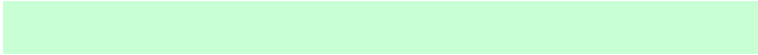
FF7EAC

Sweetspot

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



46E969



C9FFD5



C8E946



608066



000000



808080

Same Dimension

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



46E969



29FF57



46E9B8



6A756C



00B527



00360B

Inverse Universe

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



E946C6



FF29D1



E94677



756A73



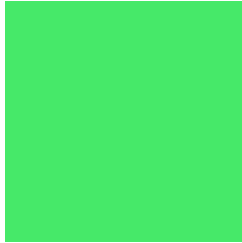
B5008E



36002A

Previews

White Background



This preview shows how the Hex color 46E969 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 46E969 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

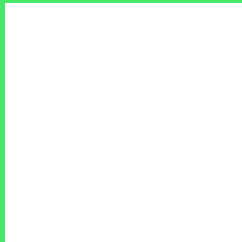
Any Text WCAG AAA ✓ Pass

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

Hex 46E969 Background



This preview shows how black text looks on a background with the Hex color 46E969.

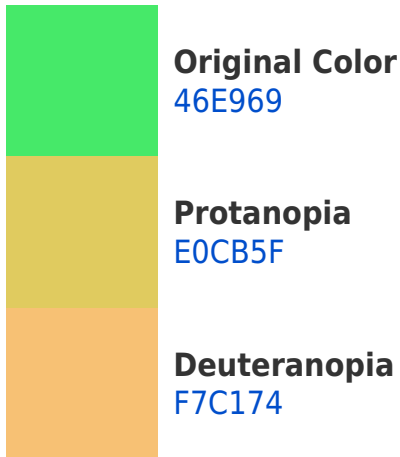


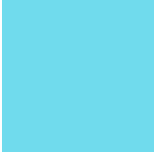
This preview shows how white text looks on a background with the Hex color 46E969.

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



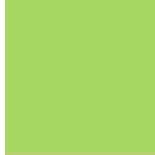


Tritanopia
6FDBED

Trichromacy



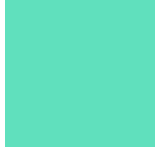
Original Color
46E969



Protanomaly
A8D663



Deuteranomaly
B7D070



Tritanomaly
60E0BD

Monochromacy



Original Color
46E969



Achromatopsia
AAAAAA



Achromatomaly
86C192

CSS Examples

Text

The CSS property to change the color of the text to Hex 46E969 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 #46E969 looks like.

```
.text, #text, p{  
    color:#46E969  
}
```

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 #46E969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46E969
}
```

Border

The CSS property to change the border of an element to Hex 46E969 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
#46E969 }
```

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

```
.border{ border-color:#46E969 }
```

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

Here you see how a box with a 4 pixel #46E969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46E969; -webkit-box-shadow:4px 4px  
4px 4px #46E969; box-shadow:4px 4px 4px  
4px #46E969 }
```

Background

The CSS property to change the background color of an element to Hex 46E969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46E969 }
```

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

```
.background{ background-color:#46E969 }
```

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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