

Converting Colors

Hex(34E280)

Have a look what the booklet for
Hex(34E280) contains.

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Color

Hex(34E280)

Conversions

Conversions Part 1

Format	Color
Hex	34E280
RGB	52, 226, 128
RGB Percent	20%, 89%, 50%
CMY	0.7961, 0.1137, 0.4980
CMYK	0.77, 0.00, 0.43, 0.11
HSL	146°, 75%, 55%
HSV	146°, 77%, 89%
XYZ	32.5088, 56.6813, 29.6493
YIQ	162.8020, -72.2460, -67.3660

Conversions

Conversions Part 2

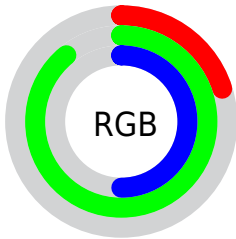
Format	Color
RYB	52, 173, 226
Decimal	3465856
CIELab	80.00, -64.12, 35.88
CIElCh	80, 73.482, 150.768
Yxy	56.6813, 0.2736, 0.4770
Android (android.graphics.Color)	4281655936 (0xFF34E280)
YUV	162.8020, -17.1574, -97.1734
Hunter-Lab	75.2870, -54.6762, 29.3515

Details

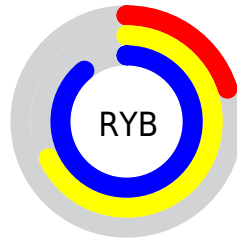
The Hex color **34E280** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **E23496**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7DFFB6**, and **00A94D** is the 20% darker color. If you saturate the color by 10%, you get **1DE273**, and if you desaturate by 10%, it is **4BE28D**.

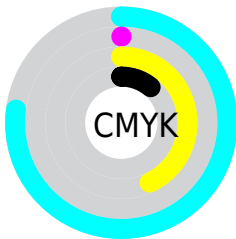
Distribution



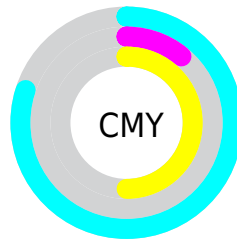
- Red (20%)
- Green (89%)
- Blue (50%)



- Red (20%)
- Yellow (68%)
- Blue (89%)



- Cyan (77%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (80%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34E280 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 34E280 by changing the saturation by 10% instead.

 34E280

 34E280

FFFFFF

 00C566

 7DFFB6

 00A94D

 9CFFD2

 008E35

 BBFFEE

 00731C

 DAFFFF

 005900

 F9FFFF

 004000

 002800

 000000

 34E280

 34E280

 1DE273

 4BE28D

 07E267

 61E299

 00E263

 78E2A6

 8EE2B3

 A5E2C0

 BCE2CC

 D2E2D9

 E9E2E6

 FFE2F3

Harmonies

Analogous

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



A3D746



34E280



00E7C6

Triad

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



34E280



00CEFF



FF8F84

Complementary

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



34E280



E23496

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.



FF85C7



34E280



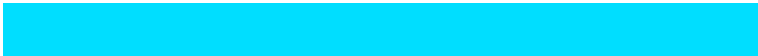
C9B3FF

Square

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



34E280



00DEFF



FF96FF



FFA94C

Rectangle

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



34E280



00E7F5



FF96FF



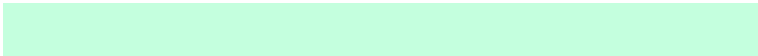
FF899A

Sweetspot

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



34E280



C4FFDE



97E234



5C806B



000000



808080

Same Dimension

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



34E280



14FF7B



34E2D6



65706A



00B04D



003015

Inverse Universe

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



E23496



FF1499



E23440



70656B



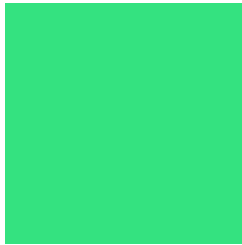
B00063



30001B

Previews

White Background



This preview shows how the Hex color 34E280 looks on a white background.

Color Contrast Check

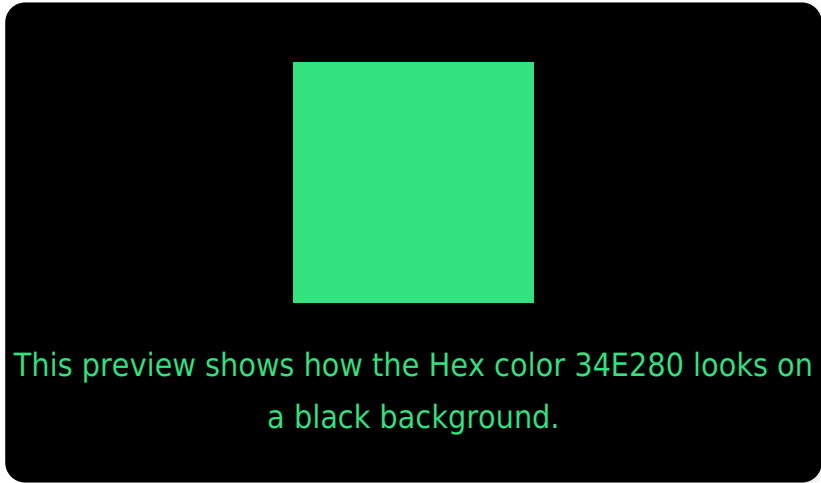
Large Text (above 18pt) WCAG AA × Fail

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

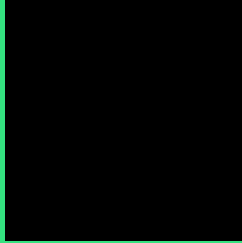
Any Text WCAG AA ✓ Pass

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 34E280 Background



This preview shows how black text looks on a background with the Hex color 34E280.

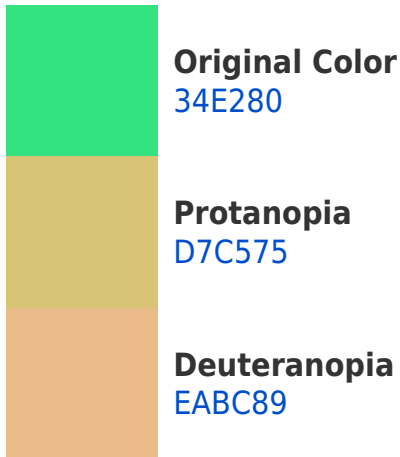


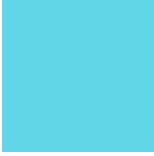
This preview shows how white text looks on a background with the Hex color 34E280.

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
60D6E7

Trichromacy



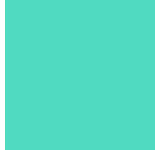
Original Color
34E280



Protanomaly
9CD079



Deuteranomaly
A8CA86



Tritanomaly
50DAC2

Monochromacy



Original Color
34E280



Achromatopsia
A3A3A3



Achromatomaly
7BBA96

CSS Examples

Text

The CSS property to change the color of the text to Hex 34E280 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 #34E280 looks like.

```
.text, #text, p{  
    color:#34E280  
}
```

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 #34E280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34E280
}
```

Border

The CSS property to change the border of an element to Hex 34E280 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
#34E280 }
```

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

```
.border{ border-color:#34E280 }
```

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

Here you see how a box with a 4 pixel #34E280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34E280; -webkit-box-shadow:4px 4px  
4px 4px #34E280; box-shadow:4px 4px 4px  
4px #34E280 }
```

Background

The CSS property to change the background color of an element to Hex 34E280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34E280 }
```

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

```
.background{ background-color:#34E280 }
```

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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