

Converting Colors

Hex(33E200)

Have a look what the booklet for
Hex(33E200) contains.

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Color

Hex(33E200)

Conversions

Conversions Part 1

Format	Color
Hex	33E200
RGB	51, 226, 0
RGB Percent	20%, 89%, 0%
CMY	0.8000, 0.1137, 1.0000
CMYK	0.77, 0.00, 1.00, 0.11
HSL	106°, 100%, 44%
HSV	106°, 100%, 89%
XYZ	28.5616, 55.0965, 9.1293
YIQ	147.9110, -31.7540, -107.3860

Conversions

Conversions Part 2

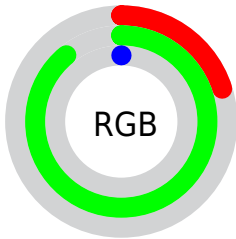
Format	Color
RYB	0, 226, 175
Decimal	3400192
CIELab	79.10, -75.00, 76.42
CIELCh	79, 107.076, 134.461
Yxy	55.0965, 0.3078, 0.5938
Android (android.graphics.Color)	4281590272 (0xFF33E200)
YUV	147.9110, -72.9201, -84.9909
Hunter-Lab	74.2270, -61.2128, 44.6667

Details

The Hex color **33E200** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **AF00E2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **80FF56**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **33E200**, and if you desaturate by 10%, it is **44E217**.

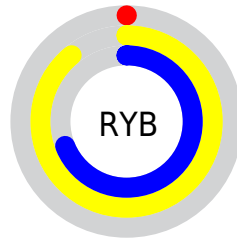
Distribution



Red (20%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (69%)

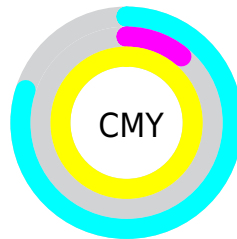


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (80%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33E200 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 33E200 by changing the saturation by 10% instead.

 33E200

 33E200

FFFFFF

 00C500

 80FF56

 00A900

 A0FF74

 008D00

 C0FF91

 007200

 E0FFAE

 005800

 FFFFCC

 003F00

 FFFFEA

 002600

 000000

 33E200

 44E217

 56E22D

 67E244

 79E25A

 8AE271

 9CE288

 ADE29E

 BFE2B5

 D0E2CB

Harmonies

Analogous

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



C0CE00



33E200



00EC8A

Triad

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



33E200



00DEFF



FF3F99

Complementary

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



33E200



AF00E2

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.



FF4FFC



33E200



00C0FF

Square

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



33E200



00ECFF



FF8EFF



FF7937

Rectangle

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



33E200



00EED1



FF8EFF



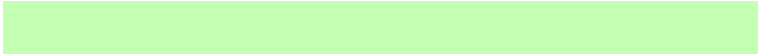
FF37BA

Sweetspot

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



33E200



C4FFB3



E2AD00



5C8052



000000



808080

Same Dimension

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



33E200



3AFF00



00E23C



687065



28B000



0B3000

Inverse Universe

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



AF00E2



C500FF



E200A6



6E6570



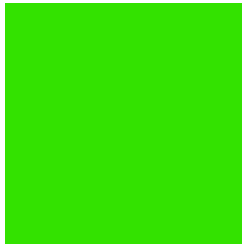
8800B0



260030

Previews

White Background



This preview shows how the Hex color 33E200 looks on a white background.

Color Contrast Check

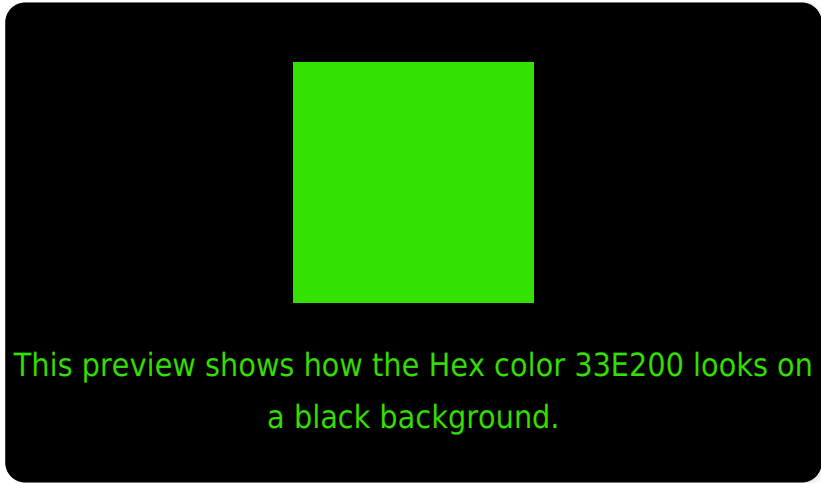
Large Text (above 18pt) WCAG AA × Fail

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

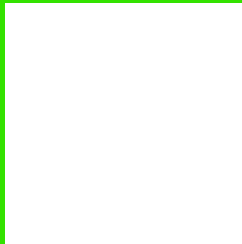
Any Text WCAG AAA ✓ Pass

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

Hex 33E200 Background



This preview shows how black text looks on a background with the Hex color 33E200.

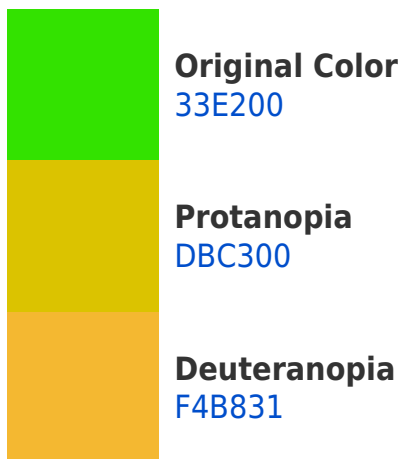


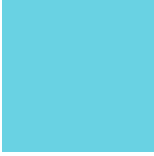
This preview shows how white text looks on a background with the Hex color 33E200.

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](#).

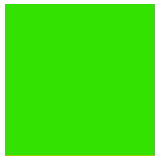
Dichromacy





Tritanopia
69D2E3

Trichromacy



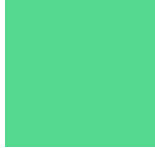
Original Color
33E200



Protanomaly
9ECE00

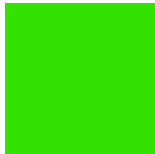


Deuteranomaly
AEC71F



Tritanomaly
55D890

Monochromacy



Original Color
33E200



Achromatopsia
949494



Achromatomaly
71B05E

CSS Examples

Text

The CSS property to change the color of the text to Hex 33E200 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 #33E200 looks like.

```
.text, #text, p{  
    color:#33E200  
}
```

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 #33E200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33E200
}
```

Border

The CSS property to change the border of an element to Hex 33E200 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
#33E200 }
```

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

```
.border{ border-color:#33E200 }
```

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

Here you see how a box with a 4 pixel #33E200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33E200; -webkit-box-shadow:4px 4px  
4px 4px #33E200; box-shadow:4px 4px 4px  
4px #33E200 }
```

Background

The CSS property to change the background color of an element to Hex 33E200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33E200 }
```

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

```
.background{ background-color:#33E200 }
```

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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