

Converting Colors

Hex(3EE200)

Have a look what the booklet for
Hex(3EE200) contains.

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Color

Hex(3EE200)

Conversions

Conversions Part 1

Format	Color
Hex	3EE200
RGB	62, 226, 0
RGB Percent	24%, 89%, 0%
CMY	0.7569, 0.1137, 1.0000
CMYK	0.73, 0.00, 1.00, 0.11
HSL	104°, 100%, 44%
HSV	104°, 100%, 89%
XYZ	29.1830, 55.4168, 9.1584
YIQ	151.2000, -25.1980, -105.0540

Conversions

Conversions Part 2

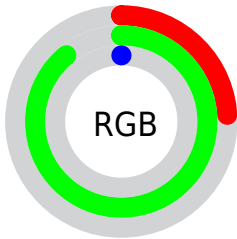
Format	Color
RYB	0, 226, 164
Decimal	4121088
CIELab	79.28, -73.38, 76.65
CIElCh	79, 106.110, 133.752
Yxy	55.4168, 0.3113, 0.5911
Android (android.graphics.Color)	4282311168 (0xFF3EE200)
YUV	151.2000, -74.5416, -78.2284
Hunter-Lab	74.4425, -60.2988, 44.8155

Details

The Hex color **3EE200** 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 **A400E2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **86FF56**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **3EE200**, and if you desaturate by 10%, it is **4EE217**.

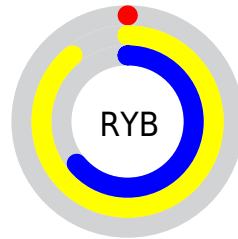
Distribution



Red (24%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (64%)

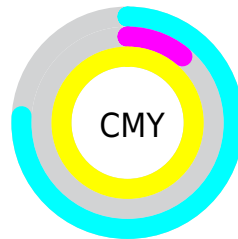


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (76%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EE200 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 3EE200 by changing the saturation by 10% instead.

 3EE200

 3EE200

FFFFFF

 00C500

 86FF56

 00A900

 A6FF74

 008D00

 C6FF91

 007300

 E5FFAF

 005800

 FFFFCC

 003F00

 FFFFEA

 002600

 000000

 3EE200

 4EE217

 5FE22D

 6FE244

 80E25A

 90E271

 A0E288

 B1E29E

 C1E2B5

 D2E2CB

Harmonies

Analogous

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



C3CE00



3EE200



00EC89

Triad

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



3EE200



00DFFF



FF439C

Complementary

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



3EE200



A400E2

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.



FF54FE



3EE200



00C2FF

Square

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



3EE200



00ECFF



FE91FF



FF793B

Rectangle

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



3EE200



00EFCF



FE91FF



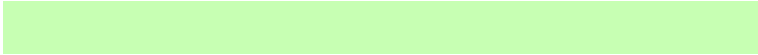
FF3DBC

Sweetspot

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



3EE200



C7FFB3



E2A200



5E8052



000000



808080

Same Dimension

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



3EE200



46FF00



00E231



687065



30B000



0D3000

Inverse Universe

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



A400E2



B900FF



E200B1



6D6570



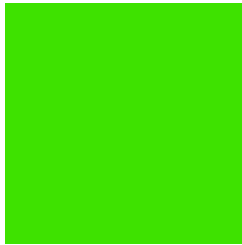
8000B0



230030

Previews

White Background



This preview shows how the Hex color 3EE200 looks on a white background.

Color Contrast Check

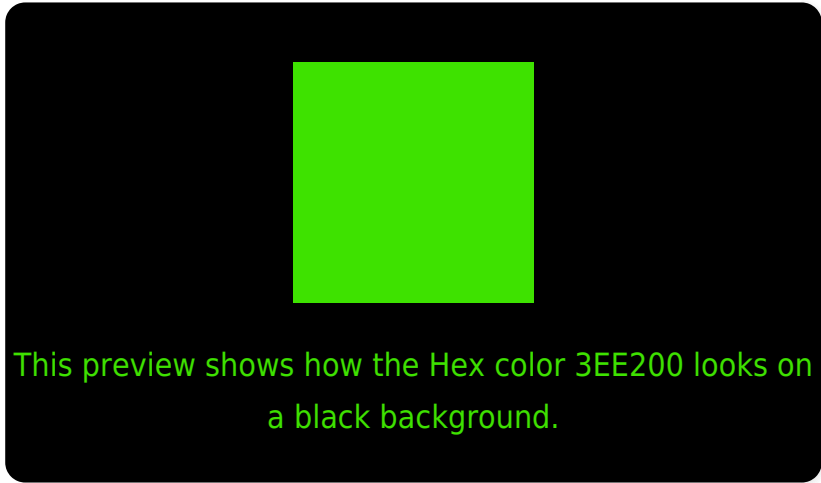
Large Text (above 18pt) WCAG AA × Fail

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

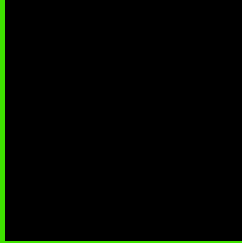
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

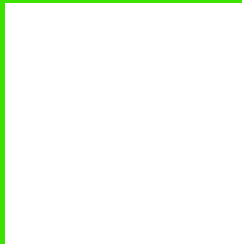
Any Text WCAG AAA ✓ Pass

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

Hex 3EE200 Background



This preview shows how black text looks on a background with the Hex color 3EE200.

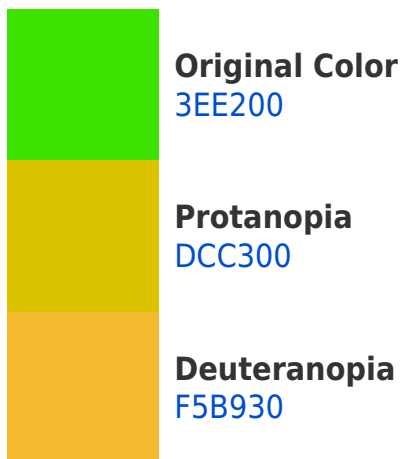


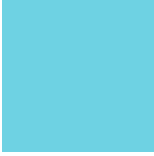
This preview shows how white text looks on a background with the Hex color 3EE200.

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](#).

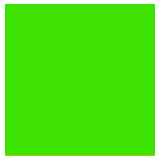
Dichromacy





Tritanopia
6ED2E3

Trichromacy



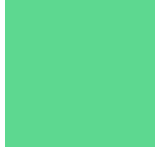
Original Color
3EE200



Protanomaly
A3CE00



Deuteranomaly
B2C81F



Tritanomaly
5DD890

Monochromacy



Original Color
3EE200



Achromatopsia
979797



Achromatomaly
77B260

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EE200 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 #3EE200 looks like.

```
.text, #text, p{  
    color:#3EE200  
}
```

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 #3EE200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EE200
}
```

Border

The CSS property to change the border of an element to Hex 3EE200 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
#3EE200 }
```

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

```
.border{ border-color:#3EE200 }
```

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

Here you see how a box with a 4 pixel #3EE200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EE200; -webkit-box-shadow:4px 4px  
4px 4px #3EE200; box-shadow:4px 4px 4px  
4px #3EE200 }
```

Background

The CSS property to change the background color of an element to Hex 3EE200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EE200 }
```

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

```
.background{ background-color:#3EE200 }
```

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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