

# Converting Colors

Hex(32E700)

Have a look what the booklet for  
Hex(32E700) contains.

<b>Hex(32E700)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(32E700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32E700
RGB	50, 231, 0
RGB Percent	20%, 91%, 0%
CMY	0.8039, 0.0941, 1.0000
CMYK	0.78, 0.00, 1.00, 0.09
HSL	107°, 100%, 45%
HSV	107°, 100%, 91%
XYZ	29.8913, 57.8299, 9.5869
YIQ	150.5470, -33.7250, -110.2130

# Conversions

## Conversions Part 2

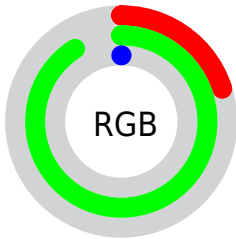
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 231, 181
Decimal	3335936
CIELab	80.64, -76.55, 77.65
CIELCh	81, 109.040, 134.590
Yxy	57.8299, 0.3072, 0.5943
Android (android.graphics.Color)	4281526016 (0xFF32E700)
YUV	150.5470, -74.2197, -88.1797
Hunter-Lab	76.0460, -62.9177, 45.7577

# Details

The Hex color **32E700** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **B500E7**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **80FF57**, and **00AE00** is the 20% darker color. If you saturate the color by 10%, you get **32E700**, and if you desaturate by 10%, it is **44E717**.

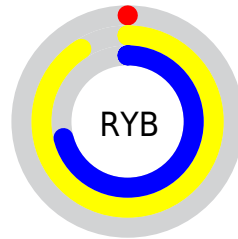
# Distribution



Red (20%)

Green (91%)

Blue (0%)



Red (0%)

Yellow (91%)

Blue (71%)

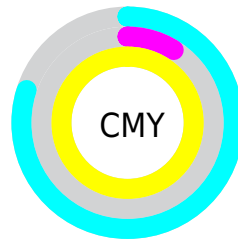


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (80%)

Magenta (9%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32E700 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 32E700 by changing the saturation by 10% instead.



 32E700

 32E700

FFFFFF

 00CA00

 80FF57

 00AE00

 A1FF75

 009200

 C1FF93

 007700

 E1FFB0

 005C00

 FFFFCD

 004300

 FFFFEB

 002A00

 000400

 000000

 32E700

 44E717

 56E72E

 68E745

 7AE75C

 8DE774

 9FE78B

 B1E7A2

 C3E7B9

 D5E7D0

# Harmonies

## Analogous

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



C3D300



32E700



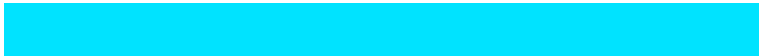
00F18E

# Triad

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



32E700



00E3FF



FF409B

# Complementary

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



32E700



B500E7

# 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.



FF50FF



32E700



00C4FF

# Square

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



32E700



00F1FF



FF91FF



FF7B37

# Rectangle

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



32E700



00F3D6



FF91FF



FF38BD

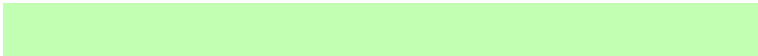


# Sweetspot

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



32E700



C3FFB3



E7B500



5C8052



000000



808080



# Same Dimension

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



32E700



37FF00



00E741



6A7367



27B300



0B3300



# Inverse Universe

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



B500E7



C800FF



E700A6



706773



8C00B3

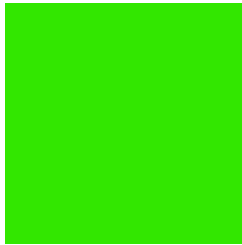


280033



# Previews

## White Background



This preview shows how the Hex color 32E700 looks on a white background.

## Color Contrast Check

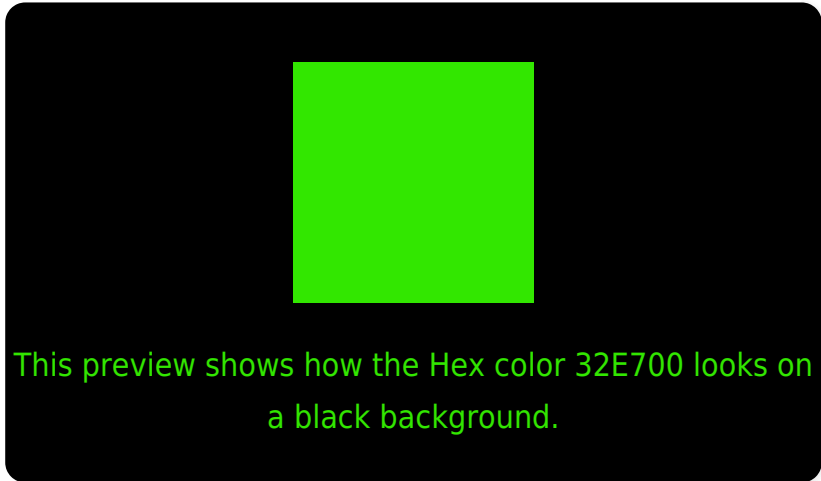
Large Text (above 18pt) WCAG AA × Fail

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

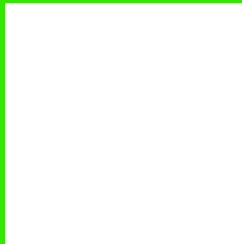
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32E700 Background



This preview shows how black text looks on a background with the Hex color 32E700.

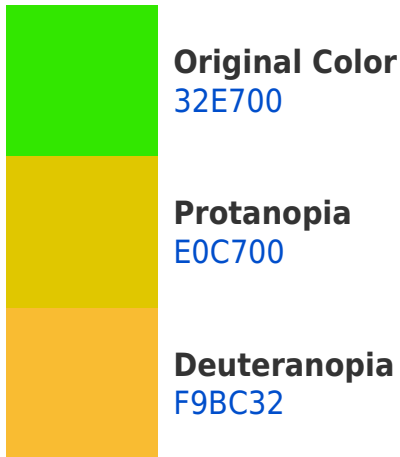


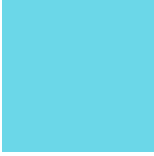
This preview shows how white text looks on a background with the Hex color 32E700.

# 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](#).

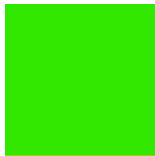
## Dichromacy





**Tritanopia**  
6BD7E8

# Trichromacy



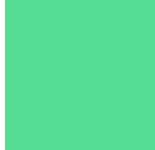
**Original Color**  
32E700



**Protanomaly**  
A1D300



**Deuteranomaly**  
B1CC20



**Tritanomaly**  
56DD94

# Monochromacy



**Original Color**  
32E700



**Achromatopsia**  
979797



**Achromatomaly**  
72B460

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32E700 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 #32E700 looks like.

```
.text, #text, p{  
    color:#32E700  
}
```

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 #32E700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32E700
}
```

## Border

The CSS property to change the border of an element to Hex 32E700 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
#32E700 }
```

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

```
.border{ border-color:#32E700 }
```

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

Here you see how a box with a 4 pixel #32E700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32E700; -webkit-box-shadow:4px 4px  
4px 4px #32E700; box-shadow:4px 4px 4px  
4px #32E700 }
```

# Background

The CSS property to change the background color of an element to Hex 32E700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32E700 }
```

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

```
.background{ background-color:#32E700 }
```

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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