

# Converting Colors

Hex(32E817)

Have a look what the booklet for  
Hex(32E817) contains.

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**Color**

**Hex(32E817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32E817
RGB	50, 232, 23
RGB Percent	20%, 91%, 9%
CMY	0.8039, 0.0902, 0.9098
CMYK	0.78, 0.00, 0.90, 0.09
HSL	112°, 82%, 50%
HSV	112°, 90%, 91%
XYZ	30.3267, 58.4532, 10.4948
YIQ	153.7560, -41.3830, -103.5830

# Conversions

## Conversions Part 2

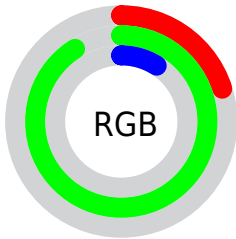
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	23, 232, 205
Decimal	3336215
CIE Lab	80.99, -76.40, 75.52
CIE LCh	81, 107.427, 135.329
Yxy	58.4532, 0.3055, 0.5888
Android (android.graphics.Color)	4281526295 (0xFF32E817)
YUV	153.7560, -64.4627, -90.9940
Hunter-Lab	76.4547, -62.9916, 45.3796

# Details

The Hex color **32E817** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **CD17E8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **80FF5E**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **1EE800**, and if you desaturate by 10%, it is **46E82E**.

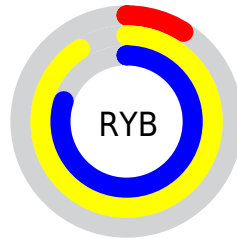
# Distribution



Red (20%)

Green (91%)

Blue (9%)



Red (9%)

Yellow (91%)

Blue (80%)

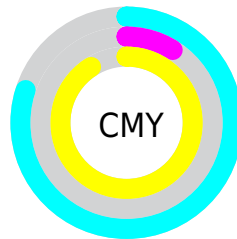


Cyan (78%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (80%)

Magenta (9%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32E817 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 32E817 by changing the saturation by 10% instead.



 32E817

 32E817


FFFFFF

 00CB00

 80FF5E

 00AF00

 A1FF7C

 009300

 C1FF99

 007800

 E1FFB6

 005D00

 FFFFD4

 004400

 FFFFF1

 002A00

 000700

 000000

 32E817

 32E817

 1EE800

 46E82E

 5AE845

 6FE85D

 83E874

 97E88B

 ABE8A2

 BFE8B9

 D4E8D1

 E8E8E8

# Harmonies

## Analogous

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



C2D500



32E817



00F192

# Triad

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



32E817



00E3FF



FF489B

# Complementary

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



32E817



CD17E8

# 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.



FF55FF



32E817



00C4FF

# Square

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



32E817



00F1FF



FF92FF



FF8038

# Rectangle

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



32E817



00F4D9



FF92FF



FF41BC

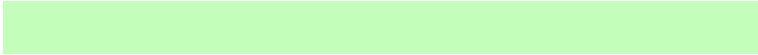


# Sweetspot

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



32E817



C3FFBA



E8CC17



5C8057



000000



808080



# Same Dimension

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



32E817



21FF00



17E864



697367



17B300



073300



# Inverse Universe

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



CD17E8



DE00FF



E8179B



716773



9B00B3

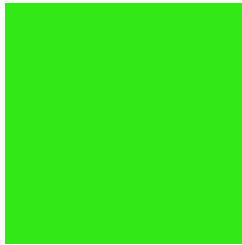


2C0033



# Previews

## White Background



This preview shows how the Hex color 32E817 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 32E817 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

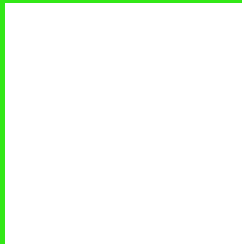
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32E817 Background



This preview shows how black text looks on a background with the Hex color 32E817.

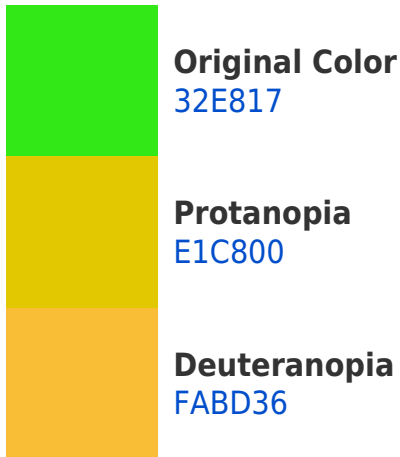


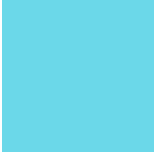
This preview shows how white text looks on a background with the Hex color 32E817.

# 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](#).

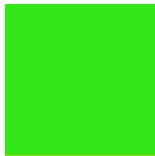
## Dichromacy





**Tritanopia**  
6BD8E9

# Trichromacy



**Original Color**  
32E817



**Protanomaly**  
A1D408

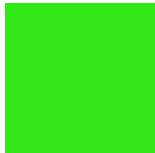


**Deuteranomaly**  
B1CD2B



**Tritanomaly**  
56DE9D

# Monochromacy



**Original Color**  
32E817



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
74B66A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32E817 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 #32E817 looks like.

```
.text, #text, p{  
    color:#32E817  
}
```

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 #32E817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32E817
}
```

## Border

The CSS property to change the border of an element to Hex 32E817 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
#32E817 }
```

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

```
.border{ border-color:#32E817 }
```

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

Here you see how a box with a 4 pixel #32E817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32E817; -webkit-box-shadow:4px 4px  
4px 4px #32E817; box-shadow:4px 4px 4px  
4px #32E817 }
```

# Background

The CSS property to change the background color of an element to Hex 32E817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32E817 }
```

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

```
.background{ background-color:#32E817 }
```

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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