

Converting Colors

Hex(36E011)

Have a look what the booklet for
Hex(36E011) contains.

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Color

Hex(36E011)

Conversions

Conversions Part 1

Format	Color
Hex	36E011
RGB	54, 224, 17
RGB Percent	21%, 88%, 7%
CMY	0.7882, 0.1216, 0.9333
CMYK	0.76, 0.00, 0.92, 0.12
HSL	109°, 86%, 47%
HSV	109°, 92%, 88%
XYZ	28.2782, 54.1360, 9.4892
YIQ	149.5720, -34.8730, -100.4170

Conversions

Conversions Part 2

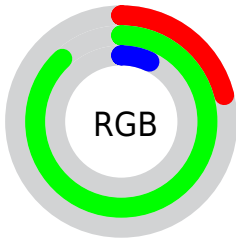
Format	Color
RYB	17, 224, 187
Decimal	3596305
CIELab	78.54, -73.71, 74.33
CIELCh	79, 104.683, 134.762
Yxy	54.1360, 0.3077, 0.5891
Android (android.graphics.Color)	4281786385 (0xFF36E011)
YUV	149.5720, -65.3580, -83.8166
Hunter-Lab	73.5772, -60.1567, 43.8574

Details

The Hex color **36E011** 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 **BB11E0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **81FF5B**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **28E000**, and if you desaturate by 10%, it is **48E027**.

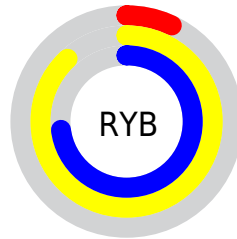
Distribution



Red (21%)

Green (88%)

Blue (7%)



Red (7%)

Yellow (88%)

Blue (73%)

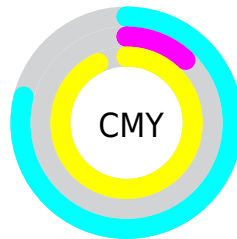


Cyan (76%)

Magenta (0%)

Yellow (92%)

Black (12%)



Cyan (79%)

Magenta (12%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36E011 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 36E011 by changing the saturation by 10% instead.

 36E011

 36E011

FFFFFF

 00C300

 81FF5B

 00A700

 A1FF78

 008C00

 C1FF95

 007100

 E0FFB2

 005600

 FFFFCF

 003E00

 FFFFED

 002400

 000000

 36E011

 36E011

 28E000

 48E027

 5BE03E

 6DE054

 80E06B

 92E081

 A4E097

 B7E0AE

 C9E0C4

 DCE0DB

Harmonies

Analogous

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



BECD00



36E011



00E98B

Triad

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



36E011



00DCFF



FF4597

Complementary

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



36E011



BB1E0

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.



FF53F8



36E011



00BEFF

Square

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



36E011



00E9FF



FF8EFF



FF7A38

Rectangle

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



36E011



00ECD0



FF8EFF



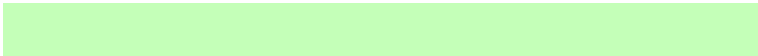
FF3EB7

Sweetspot

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



36E011



C4FFB8



E0BA11



5C8054



000000



808080

Same Dimension

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



36E011



2EFF00



11E053



677065



1FB000



093000

Inverse Universe

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



BB11E0



D100FF



E0119E



6E6570



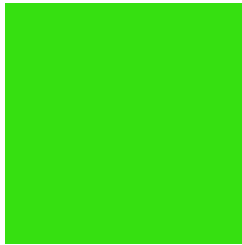
9100B0



280030

Previews

White Background



This preview shows how the Hex color 36E011 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 36E011 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 36E011 Background



This preview shows how black text looks on a background with the Hex color 36E011.

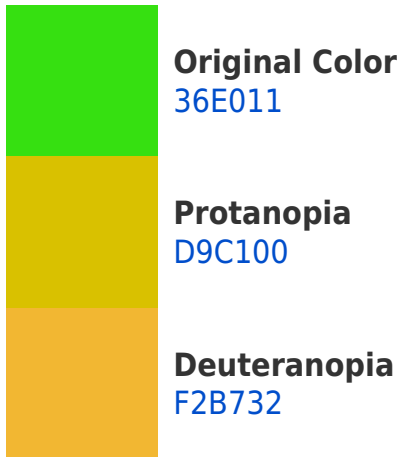


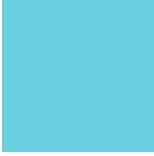
This preview shows how white text looks on a background with the Hex color 36E011.

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](#).

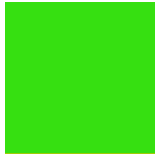
Dichromacy





Tritanopia
6AD0E1

Trichromacy



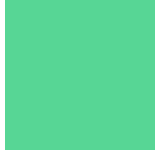
Original Color
36E011



Protanomaly
9ECC06



Deuteranomaly
AEC626



Tritanomaly
57D695

Monochromacy



Original Color
36E011



Achromatopsia
969696



Achromatomaly
73B166

CSS Examples

Text

The CSS property to change the color of the text to Hex 36E011 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 #36E011 looks like.

```
.text, #text, p{  
    color:#36E011  
}
```

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 #36E011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36E011
}
```

Border

The CSS property to change the border of an element to Hex 36E011 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
#36E011 }
```

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

```
.border{ border-color:#36E011 }
```

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

Here you see how a box with a 4 pixel #36E011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36E011; -webkit-box-shadow:4px 4px  
4px 4px #36E011; box-shadow:4px 4px 4px  
4px #36E011 }
```

Background

The CSS property to change the background color of an element to Hex 36E011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36E011 }
```

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

```
.background{ background-color:#36E011 }
```

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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