

# Converting Colors

Hex(36A811)

Have a look what the booklet for  
Hex(36A811) contains.

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**Color**

**Hex(36A811)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36A811
RGB	54, 168, 17
RGB Percent	21%, 66%, 7%
CMY	0.7882, 0.3412, 0.9333
CMYK	0.68, 0.00, 0.90, 0.34
HSL	105°, 82%, 36%
HSV	105°, 90%, 66%
XYZ	15.6251, 28.8300, 5.2715
YIQ	116.7000, -19.4730, -71.1290

# Conversions

## Conversions Part 2

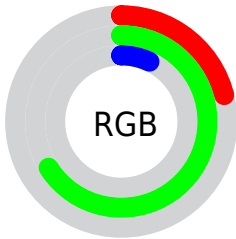
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 168, 131
Decimal	3581969
CIE Lab	60.63, -56.40, 59.23
CIE LCh	61, 81.789, 133.600
Yxy	28.8300, 0.3142, 0.5798
Android (android.graphics.Color)	4281772049 (0xFF36A811)
YUV	116.7000, -49.1521, -54.9879
Hunter-Lab	53.6936, -42.0193, 31.7645

# Details

The Hex color **36A811** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8311A8**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **75E050**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **29A800**, and if you desaturate by 10%, it is **43A822**.

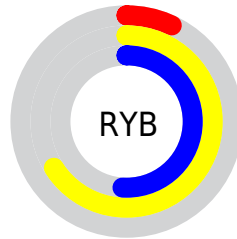
# Distribution



Red (21%)

Green (66%)

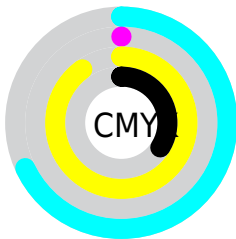
Blue (7%)



Red (7%)

Yellow (66%)

Blue (51%)

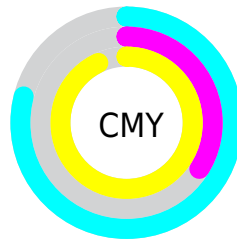


Cyan (68%)

Magenta (0%)

Yellow (90%)

Black (34%)



Cyan (79%)

Magenta (34%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36A811 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 36A811 by changing the saturation by 10% instead.





36A811



36A811

FFFFFF



008D00



75E050



007300



93FD6B



005900



B0FF87



004000



CEFFA2



002A00



ECFFBF



000400



FFFFDC



000000



FFFFFF9



36A811



36A811

■ 29A800

■ 43A822

■ 4FA833

■ 5CA843

■ 69A854

■ 75A865

■ 82A876

■ 8FA887

■ 9BA897

■ A8A8A8

# Harmonies

## Analogous

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



929900



36A811



00AF67

# Triad

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



36A811



00A6FF



FF3A75

# Complementary

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



36A811



8311A8

# 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.



FD45BD



36A811



0090FF

# Square

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



36A811



00B0F5



BD6DFC



FD5C2F

# Rectangle

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



36A811



00B199



BD6DFC



FF368D



# Sweetspot

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



36A811



AFDBA0



A88211



536E4B



EDEDED



6E6E6E



# Same Dimension

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



36A811



36DB00



11A837



4E544C



249400



051400



# Inverse Universe

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



8311A8



A600DB



A81182



524C54



700094



0F0014



# Previews

## White Background



This preview shows how the Hex color 36A811 looks on a white background.

## Color Contrast Check

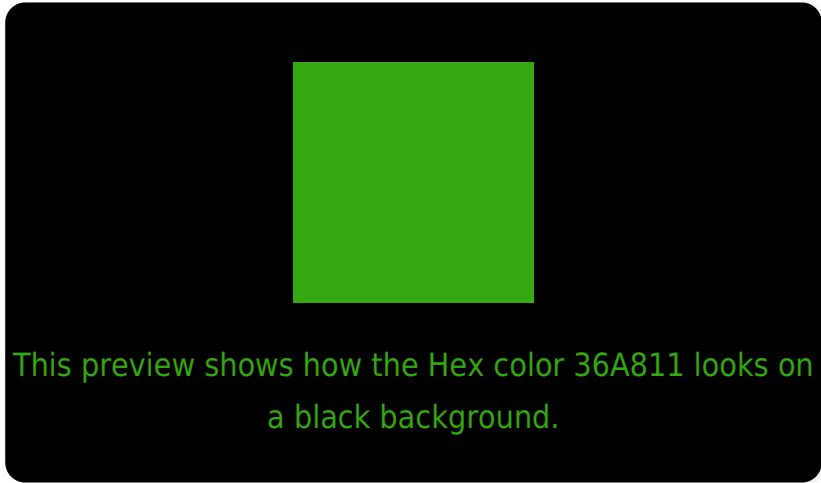
Large Text (above 18pt) WCAG AA ✓ Pass

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

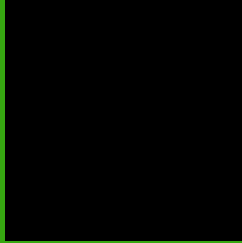
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 36A811 Background



This preview shows how black text looks on a background with the Hex color 36A811.

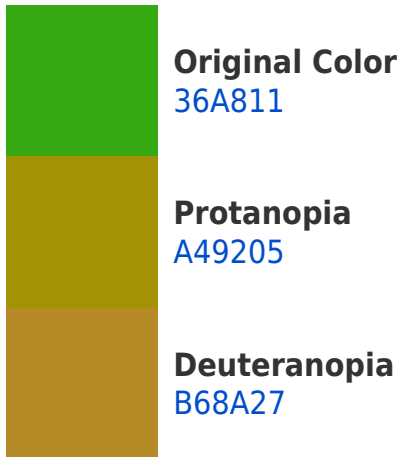


This preview shows how white text looks on a background with the Hex color 36A811.

# 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**  
569CA9

# Trichromacy



**Original Color**  
36A811



**Protanomaly**  
7C9A09



**Deuteranomaly**  
87951F



**Tritanomaly**  
4AA072

# Monochromacy



**Original Color**  
36A811



**Achromatopsia**  
757575



**Achromatomaly**  
5E8851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36A811 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 #36A811 looks like.

```
.text, #text, p{  
    color:#36A811  
}
```

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 #36A811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36A811
}
```

## Border

The CSS property to change the border of an element to Hex 36A811 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
#36A811 }
```

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

```
.border{ border-color:#36A811 }
```

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

Here you see how a box with a 4 pixel #36A811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36A811; -webkit-box-shadow:4px 4px  
4px 4px #36A811; box-shadow:4px 4px 4px  
4px #36A811 }
```

# Background

The CSS property to change the background color of an element to Hex 36A811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36A811 }
```

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

```
.background{ background-color:#36A811 }
```

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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