

# Converting Colors

Hex(35AE29)

Have a look what the booklet for  
Hex(35AE29) contains.

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**Color**

**Hex(35AE29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35AE29
RGB	53, 174, 41
RGB Percent	21%, 68%, 16%
CMY	0.7922, 0.3176, 0.8392
CMYK	0.70, 0.00, 0.76, 0.32
HSL	115°, 62%, 42%
HSV	115°, 76%, 68%
XYZ	17.0045, 31.1891, 7.2217
YIQ	122.6590, -29.4230, -67.0150

# Conversions

## Conversions Part 2

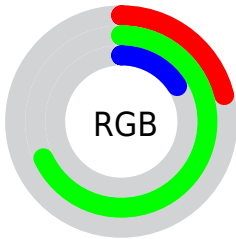
Format	Color
<a href="#">RYB</a>	41, 174, 162
Decimal	3517993
CIELab	62.67, -57.34, 54.68
CIELCh	63, 79.232, 136.365
Yxy	31.1891, 0.3069, 0.5628
Android (android.graphics.Color)	4281708073 (0xFF35AE29)
YUV	122.6590, -40.2579, -61.0909
Hunter-Lab	55.8472, -43.3825, 31.4261

# Details

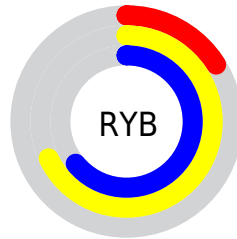
The Hex color **35AE29** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A229AE**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **75E760**, and **007800** is the 20% darker color. If you saturate the color by 10%, you get **25AE18**, and if you desaturate by 10%, it is **45AE3A**.

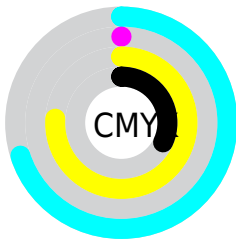
# Distribution



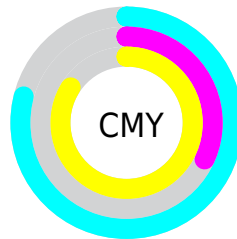
- Red (21%)
- Green (68%)
- Blue (16%)



- Red (16%)
- Yellow (68%)
- Blue (64%)



- Cyan (70%)
- Magenta (0%)
- Yellow (76%)
- Black (32%)



- Cyan (79%)
- Magenta (32%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35AE29 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 35AE29 by changing the saturation by 10% instead.



 35AE29

 35AE29

FFFFFF

 009302

 75E760

 007800

 92FF7B

 005E00

 B0FF96

 004500

 CEFFB2

 002F00

 ECFFCE

 001100

 FFFFEB

 000000

 35AE29

 35AE29

 25AE18

 45AE3A

 15AE06

 55AE4C

 10AE00

 64AE5D

 74AE6F

 84AE80

 94AE91

 A4AEA3

 B4AEB4

 C3AEC6

# Harmonies

## Analogous

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



92A000



35AE29



00B574

# Triad

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



35AE29



00A9FF



FF4974

# Complementary

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



35AE29



A229AE

# 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.



FF4DBB



35AE29



3993FF

# Square

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



35AE29



00B4FD



CA71FA



FE6831

# Rectangle

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



35AE29



00B7A5



CA71FA



FF458C



# Sweetspot

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



35AE29



B3E3AF



AEA129



567353



F2F2F2



737373



# Same Dimension

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



35AE29



25E312



29AE5E



4F574E



0E9600



021700



# Inverse Universe

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



A229AE



D012E3



AE2979



564E57



890096



150017



# Previews

## White Background



This preview shows how the Hex color 35AE29 looks on a white background.

## Color Contrast Check

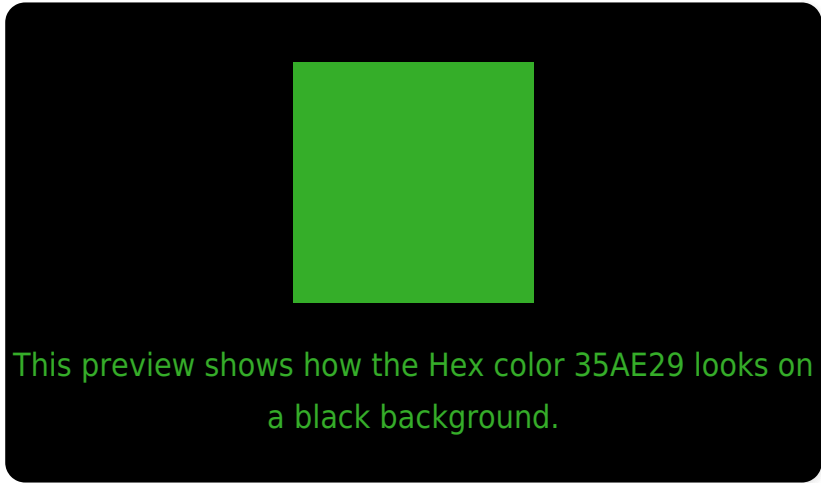
Large Text (above 18pt) WCAG AA × Fail

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 35AE29 Background



This preview shows how black text looks on a background with the Hex color 35AE29.

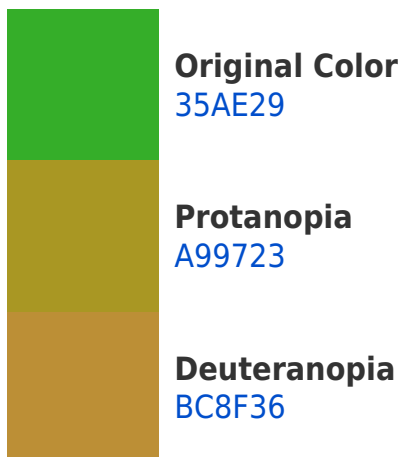


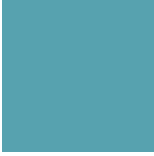
This preview shows how white text looks on a background with the Hex color 35AE29.

# 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**  
57A2AF

# Trichromacy



**Original Color**  
35AE29



**Protanomaly**  
7F9F25



**Deuteranomaly**  
8B9A31



**Tritanomaly**  
4BA67E

# Monochromacy



**Original Color**  
35AE29



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
628E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35AE29 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 #35AE29 looks like.

```
.text, #text, p{  
    color:#35AE29  
}
```

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 #35AE29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AE29
}
```

## Border

The CSS property to change the border of an element to Hex 35AE29 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
#35AE29 }
```

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

```
.border{ border-color:#35AE29 }
```

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

Here you see how a box with a 4 pixel #35AE29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AE29; -webkit-box-shadow:4px 4px  
4px 4px #35AE29; box-shadow:4px 4px 4px  
4px #35AE29 }
```

# Background

The CSS property to change the background color of an element to Hex 35AE29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AE29 }
```

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

```
.background{ background-color:#35AE29 }
```

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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