

Converting Colors

Hex(33A449)

Have a look what the booklet for
Hex(33A449) contains.

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Color

Hex(33A449)

Conversions

Conversions Part 1

Format	Color
Hex	33A449
RGB	51, 164, 73
RGB Percent	20%, 64%, 29%
CMY	0.8000, 0.3569, 0.7137
CMYK	0.69, 0.00, 0.55, 0.36
HSL	132°, 53%, 42%
HSV	132°, 69%, 64%
XYZ	15.8433, 27.7358, 10.8218
YIQ	119.8390, -38.1370, -52.2570

Conversions

Conversions Part 2

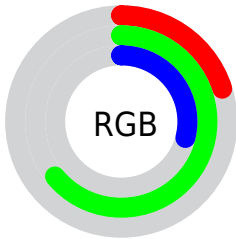
Format	Color
RYB	51, 146, 164
Decimal	3384393
CIELab	59.65, -50.90, 37.79
CIELCh	60, 63.394, 143.411
Yxy	27.7358, 0.2912, 0.5098
Android (android.graphics.Color)	4281574473 (0xFF33A449)
YUV	119.8390, -23.0916, -60.3718
Hunter-Lab	52.6648, -38.4646, 24.6821

Details

The Hex color **33A449** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A4338E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **70DC7C**, and **006F17** is the 20% darker color. If you saturate the color by 10%, you get **23A43C**, and if you desaturate by 10%, it is **43A456**.

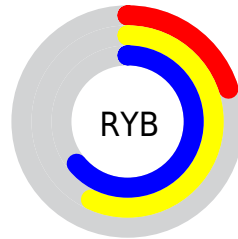
Distribution



Red (20%)

Green (64%)

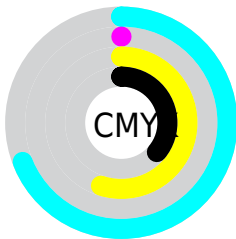
Blue (29%)



Red (20%)

Yellow (57%)

Blue (64%)

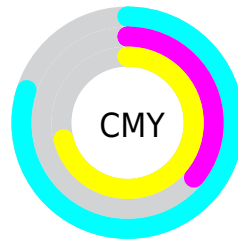


Cyan (69%)

Magenta (0%)

Yellow (55%)

Black (36%)



Cyan (80%)

Magenta (36%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A449 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 33A449 by changing the saturation by 10% instead.

 33A449

 33A449


FFFFFF

 018930

 70DC7C

 006F17

 8DF996

 005500

 AAFFB2

 003D00

 C7FFCD

 002700

 E4FFEA

 000000

 33A449

 33A449

 23A43C

 43A456

 12A42F

 54A463

 02A421

 64A471

 00A420

 75A47E

 85A48B

 95A498

 A6A4A5

 B6A4B3

 C7A4C0

Harmonies

Analogous

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



819A18



33A449



00A981

Triad

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



33A449



009AFF



F35D67

Complementary

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



33A449



A4338E

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.



ED5A9E



33A449



7886F7

Square

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



33A449



00A5E9



C76DD3



DD7235

Rectangle

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



33A449



00AAA8



C76DD3



F45979

Sweetspot

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



33A449



A9D6B2



8FA433



506B56



EBEBEB



6B6B6B

Same Dimension

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



33A449



24D647



33A480



49524B



00911C



001203

Inverse Universe

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



A4338E



D624B4



A43357



524950



910075



12000E

Previews

White Background



This preview shows how the Hex color 33A449 looks on a white background.

Color Contrast Check

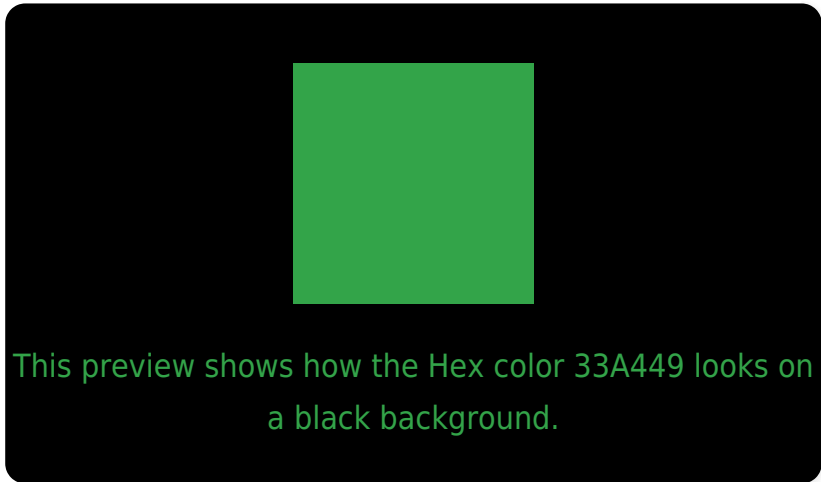
Large Text (above 18pt) WCAG AA ✓ Pass

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

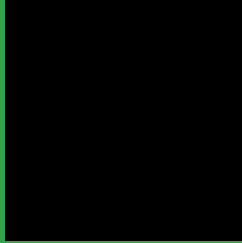
Any Text WCAG AA ✓ Pass

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 33A449 Background



This preview shows how black text looks on a background with the Hex color 33A449.



This preview shows how white text looks on a background with the Hex color 33A449.

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



Original Color
33A449

Protanopia
9E8F42

Deuteranopia
AE8851



Tritanopia
509AA7

Trichromacy



Original Color
33A449



Protanomaly
779745



Deuteranomaly
81924E



Tritanomaly
459E85

Monochromacy



Original Color
33A449



Achromatopsia
787878



Achromatomaly
5F8867

CSS Examples

Text

The CSS property to change the color of the text to Hex 33A449 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 #33A449 looks like.

```
.text, #text, p{  
    color:#33A449  
}
```

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 #33A449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A449
}
```

Border

The CSS property to change the border of an element to Hex 33A449 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
#33A449 }
```

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

```
.border{ border-color:#33A449 }
```

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

Here you see how a box with a 4 pixel #33A449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A449; -webkit-box-shadow:4px 4px  
4px 4px #33A449; box-shadow:4px 4px 4px  
4px #33A449 }
```

Background

The CSS property to change the background color of an element to Hex 33A449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A449 }
```

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

```
.background{ background-color:#33A449 }
```

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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