

Converting Colors

Hex(33A055)

Have a look what the booklet for
Hex(33A055) contains.

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Color

Hex(33A055)

Conversions

Conversions Part 1

Format	Color
Hex	33A055
RGB	51, 160, 85
RGB Percent	20%, 63%, 33%
CMY	0.8000, 0.3725, 0.6667
CMYK	0.68, 0.00, 0.47, 0.37
HSL	139°, 52%, 41%
HSV	139°, 68%, 63%
XYZ	15.5757, 26.5013, 12.8887
YIQ	118.8590, -40.8890, -46.4330

Conversions

Conversions Part 2

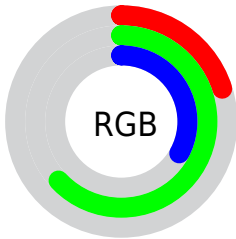
Format	Color
RYB	51, 134, 160
Decimal	3383381
CIELab	58.51, -47.55, 30.27
CIElCh	59, 56.363, 147.523
Yxy	26.5013, 0.2834, 0.4821
Android (android.graphics.Color)	4281573461 (0xFF33A055)
YUV	118.8590, -16.6925, -59.5123
Hunter-Lab	51.4794, -36.0816, 21.1914

Details

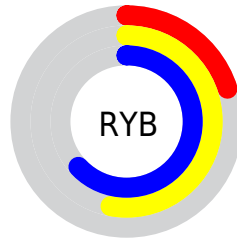
The Hex color **33A055** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A0337E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6FD888**, and **006B25** is the 20% darker color. If you saturate the color by 10%, you get **23A04A**, and if you desaturate by 10%, it is **43A060**.

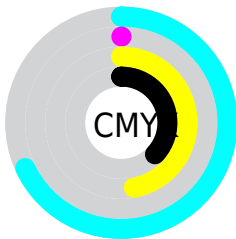
Distribution



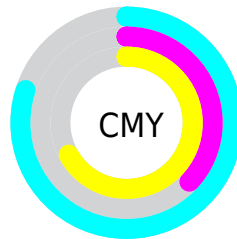
- Red (20%)
- Green (63%)
- Blue (33%)



- Red (20%)
- Yellow (53%)
- Blue (63%)



- Cyan (68%)
- Magenta (0%)
- Yellow (47%)
- Black (37%)



- Cyan (80%)
- Magenta (37%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A055 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 33A055 by changing the saturation by 10% instead.



33A055



33A055

FFFFFF



05853D



6FD888



006B25



8BF5A2



00520D



A8FFBE



003A00



C5FFDA



002400



E2FFF6



000000



33A055



33A055



23A04A



43A060



13A03F



53A06B

 03A034

 63A076

 00A032

 73A081

 83A08C

 93A097

 A3A0A2

 B3A0AD

 C3A0B8

Harmonies

Analogous

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



7A972D



33A055



00A487

Triad

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



33A055



0094EF



E46462

Complementary

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



33A055



A0337E

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.



E35F93



33A055



8681E5

Square

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



33A055



009FDF



C56CC2



CF7639

Rectangle

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



33A055



00A4A9



C56CC2



E76072

Sweetspot

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



33A055



A7D1B4



7FA033



4F6957



E8E8E8



696969

Same Dimension

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



33A055



26D15B



33A08A



474F4A



008F2D



000F05

Inverse Universe

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



A0337E



D1269C



A03349



4F474D



8F0062



0F000B

Previews

White Background



This preview shows how the Hex color 33A055 looks on a white background.

Color Contrast Check

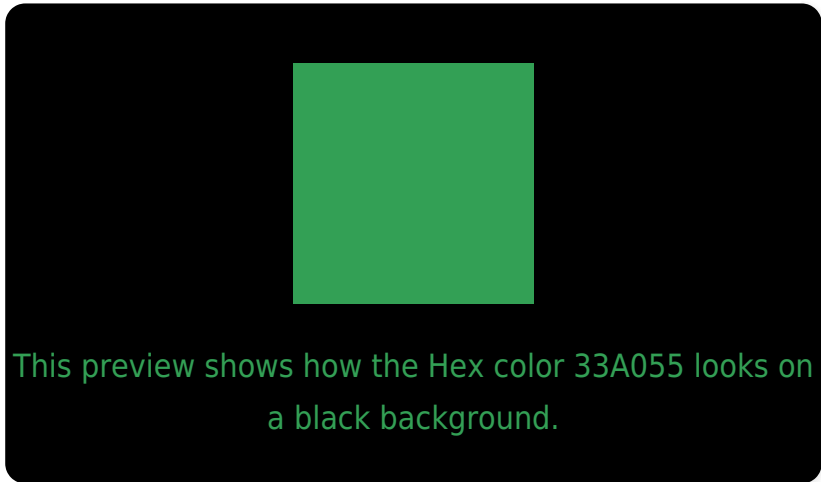
Large Text (above 18pt) WCAG AA ✓ Pass

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

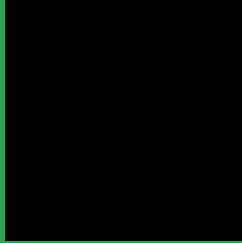
Any Text WCAG AA ✓ Pass

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 33A055 Background



This preview shows how black text looks on a background with the Hex color 33A055.

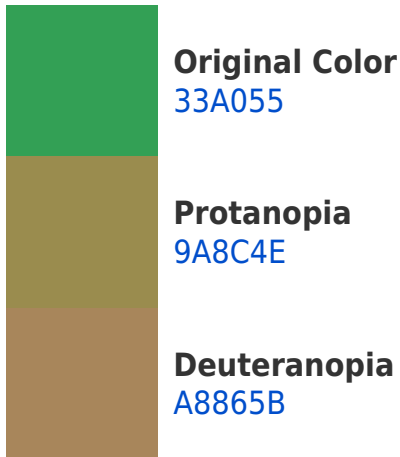


This preview shows how white text looks on a background with the Hex color 33A055.

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
4D97A3

Trichromacy



Original Color
33A055



Protanomaly
759351



Deuteranomaly
7D8F59



Tritanomaly
449A87

Monochromacy



Original Color
33A055



Achromatopsia
777777



Achromatomaly
5E866B

CSS Examples

Text

The CSS property to change the color of the text to Hex 33A055 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 #33A055 looks like.

```
.text, #text, p{  
    color:#33A055  
}
```

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 #33A055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A055
}
```

Border

The CSS property to change the border of an element to Hex 33A055 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
#33A055 }
```

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

```
.border{ border-color:#33A055 }
```

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

Here you see how a box with a 4 pixel #33A055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A055; -webkit-box-shadow:4px 4px  
4px 4px #33A055; box-shadow:4px 4px 4px  
4px #33A055 }
```

Background

The CSS property to change the background color of an element to Hex 33A055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A055 }
```

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

```
.background{ background-color:#33A055 }
```

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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