

Converting Colors

Hex(33A151)

Have a look what the booklet for
Hex(33A151) contains.

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Color

Hex(33A151)

Conversions

Conversions Part 1

Format	Color
Hex	33A151
RGB	51, 161, 81
RGB Percent	20%, 63%, 32%
CMY	0.8000, 0.3686, 0.6824
CMYK	0.68, 0.00, 0.50, 0.37
HSL	136°, 52%, 42%
HSV	136°, 68%, 63%
XYZ	15.5953, 26.7876, 12.1332
YIQ	118.9900, -39.8800, -48.2000

Conversions

Conversions Part 2

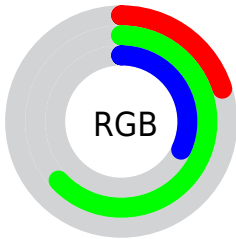
Format	Color
RYB	51, 137, 161
Decimal	3383633
CIELab	58.78, -48.59, 32.68
CIElCh	59, 58.556, 146.071
Yxy	26.7876, 0.2861, 0.4914
Android (android.graphics.Color)	4281573713 (0xFF33A151)
YUV	118.9900, -18.7291, -59.6272
Hunter-Lab	51.7568, -36.7888, 22.3306

Details

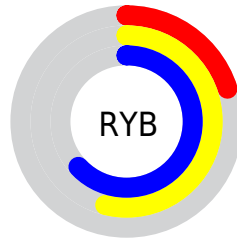
The Hex color **33A151** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A13383**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6FD984**, and **006C21** is the 20% darker color. If you saturate the color by 10%, you get **23A145**, and if you desaturate by 10%, it is **43A15D**.

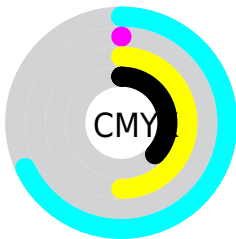
Distribution



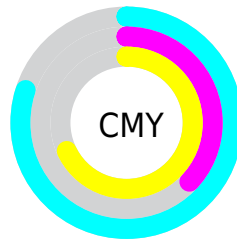
- Red (20%)
- Green (63%)
- Blue (32%)



- Red (20%)
- Yellow (54%)
- Blue (63%)



- Cyan (68%)
- Magenta (0%)
- Yellow (50%)
- Black (37%)



- Cyan (80%)
- Magenta (37%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A151 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 33A151 by changing the saturation by 10% instead.

 33A151

 33A151

FFFFFF

 048639

 6FD984

 006C21

 8CF69E

 005307

 A8FFBA

 003A00

 C5FFD6

 002500

 E3FFF2

 000000

 33A151

 33A151

 23A145

 43A15D

 13A13A

 53A168

■ 03A12E

■ 63A174

■ 00A12C

■ 73A180

■ 84A18C

■ 94A197

■ A4A1A3

■ B4A1AF

■ C4A1BA

Harmonies

Analogous

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



7C9827



33A151



00A585

Triad

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



33A151



0095F4



E96163

Complementary

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



33A151



A13383

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.



E65D96



33A151



8183EA

Square

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



33A151



00A1E2



C56CC7



D47438

Rectangle

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



33A151



00A6A8



C56CC7



EB5E74

Sweetspot

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



33A151



A7D1B3



84A133



4F6956



E8E8E8



696969

Same Dimension

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



33A151



26D154



33A187



49524C



009128



001205

Inverse Universe

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



A13383



D126A2



A1334D



52494F



91006A



12000D

Previews

White Background



This preview shows how the Hex color 33A151 looks on a white background.

Color Contrast Check

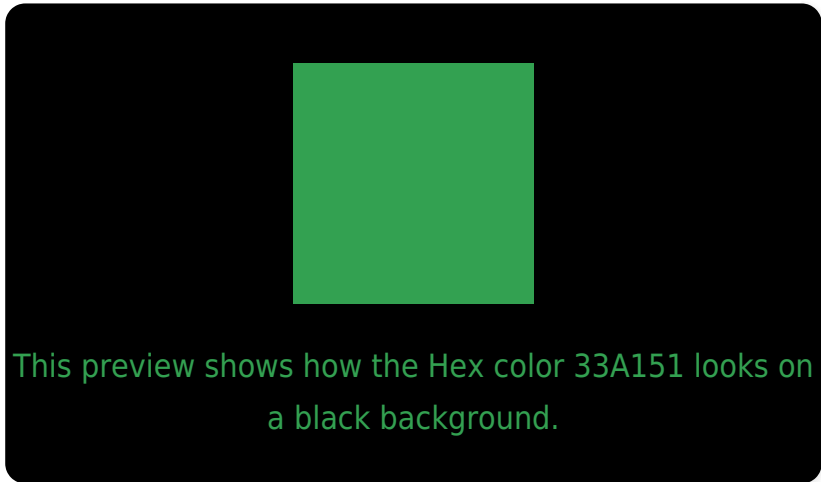
Large Text (above 18pt) WCAG AA ✓ Pass

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

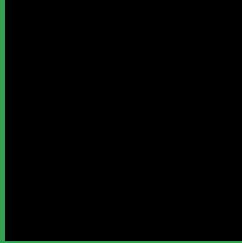
Any Text WCAG AA ✓ Pass

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 33A151 Background



This preview shows how black text looks on a background with the Hex color 33A151.

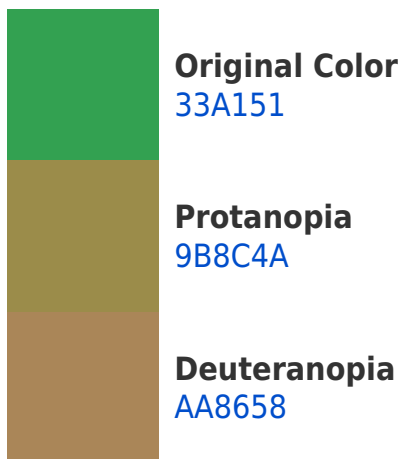


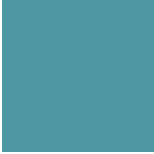
This preview shows how white text looks on a background with the Hex color 33A151.

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
4E98A4

Trichromacy



Original Color
33A151



Protanomaly
75944D



Deuteranomaly
7F9055



Tritanomaly
449B86

Monochromacy



Original Color
33A151



Achromatopsia
777777



Achromatomaly
5E8669

CSS Examples

Text

The CSS property to change the color of the text to Hex 33A151 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 #33A151 looks like.

```
.text, #text, p{  
    color:#33A151  
}
```

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 #33A151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A151
}
```

Border

The CSS property to change the border of an element to Hex 33A151 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
#33A151 }
```

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

```
.border{ border-color:#33A151 }
```

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

Here you see how a box with a 4 pixel #33A151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A151; -webkit-box-shadow:4px 4px  
4px 4px #33A151; box-shadow:4px 4px 4px  
4px #33A151 }
```

Background

The CSS property to change the background color of an element to Hex 33A151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A151 }
```

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

```
.background{ background-color:#33A151 }
```

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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