

Converting Colors

Hex(33A75D)

Have a look what the booklet for
Hex(33A75D) contains.

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Color

Hex(33A75D)

Conversions

Conversions Part 1

Format	Color
Hex	33A75D
RGB	51, 167, 93
RGB Percent	20%, 65%, 36%
CMY	0.8000, 0.3451, 0.6353
CMYK	0.69, 0.00, 0.44, 0.35
HSL	142°, 53%, 43%
HSV	142°, 69%, 65%
XYZ	17.1597, 29.1316, 15.0745
YIQ	123.8800, -45.3820, -47.6060

Conversions

Conversions Part 2

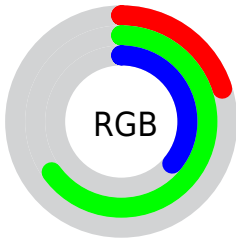
Format	Color
RYB	51, 136, 167
Decimal	3385181
CIELab	60.90, -48.86, 29.12
CIElCh	61, 56.880, 149.209
Yxy	29.1316, 0.2796, 0.4747
Android (android.graphics.Color)	4281575261 (0xFF33A75D)
YUV	123.8800, -15.2238, -63.9158
Hunter-Lab	53.9737, -37.7037, 21.2223

Details

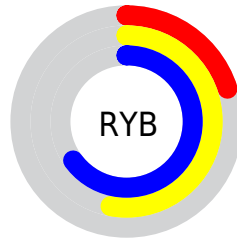
The Hex color **33A75D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A7337D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **70DF90**, and **00722D** is the 20% darker color. If you saturate the color by 10%, you get **22A752**, and if you desaturate by 10%, it is **44A768**.

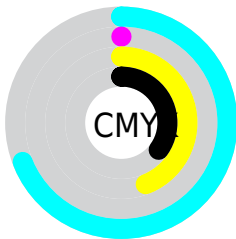
Distribution



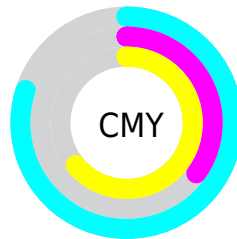
- Red (20%)
- Green (65%)
- Blue (36%)



- Red (20%)
- Yellow (53%)
- Blue (65%)



- Cyan (69%)
- Magenta (0%)
- Yellow (44%)
- Black (35%)



- Cyan (80%)
- Magenta (35%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A75D 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 33A75D by changing the saturation by 10% instead.

 33A75D

 33A75D

FFFFFF

 008C45

 70DF90

 00722D

 8DFCAB

 005816

 AAFFC7

 004000

 C7FFE3

 002A00

 E4FFFF

 000600

 000000

 33A75D

 33A75D

 22A752

 44A768

 12A748

 54A772

 01A73D

 65A77D

 00A73C

 76A788

 87A792

 97A79D

 A8A7A8

 B9A7B2

 C9A7BD

Harmonies

Analogous

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



7D9E34



33A75D



00AB90

Triad

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



33A75D



0099F7



EC6A65

Complementary

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



33A75D



A7337D

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.



EB6496



33A75D



9186EB

Square

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



33A75D



00A5E9



CF71C7



D57D3C

Rectangle

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



33A75D



00ABB2



CF71C7



EF6675

Sweetspot

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



33A75D



ABD9BC



7EA733



526E5C



EDEDED



6E6E6E

Same Dimension

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



33A75D



25D966



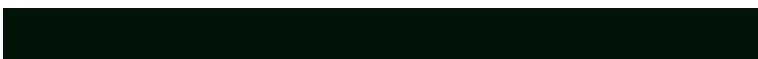
33A796



4C544F



009436



001407

Inverse Universe

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



A7337D



D92598



A73344



544C51



94005E



14000D

Previews

White Background



This preview shows how the Hex color 33A75D looks on a white background.

Color Contrast Check

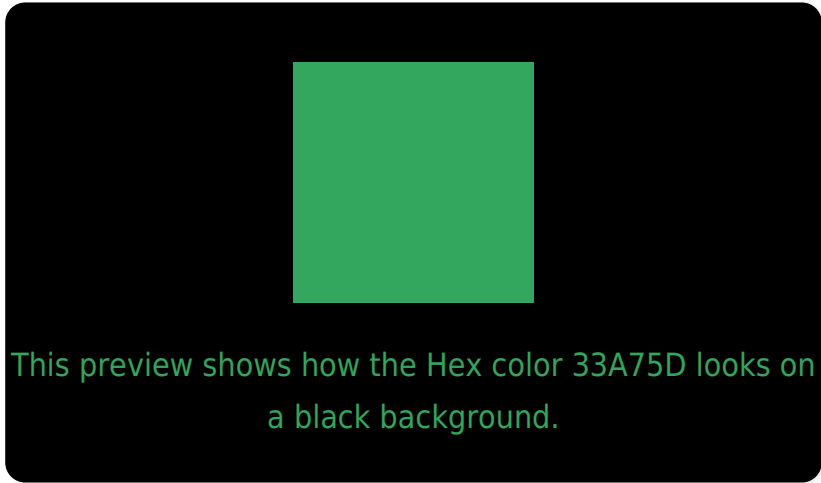
Large Text (above 18pt) WCAG AA ✓ Pass

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

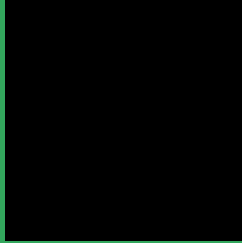
Any Text WCAG AA ✓ Pass

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 33A75D Background



This preview shows how black text looks on a background with the Hex color 33A75D.

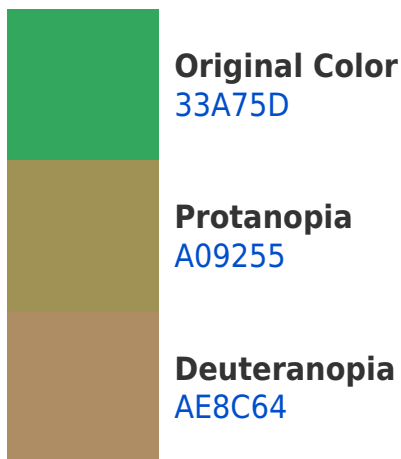


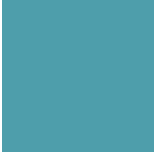
This preview shows how white text looks on a background with the Hex color 33A75D.

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
4E9EAB

Trichromacy



Original Color
33A75D



Protanomaly
789A58



Deuteranomaly
819661



Tritanomaly
44A18F

Monochromacy



Original Color
33A75D



Achromatopsia
7C7C7C



Achromatomaly
618C71

CSS Examples

Text

The CSS property to change the color of the text to Hex 33A75D 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 #33A75D looks like.

```
.text, #text, p{  
    color:#33A75D  
}
```

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 #33A75D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A75D
}
```

Border

The CSS property to change the border of an element to Hex 33A75D 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
#33A75D }
```

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

```
.border{ border-color:#33A75D }
```

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

Here you see how a box with a 4 pixel #33A75D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A75D; -webkit-box-shadow:4px 4px  
4px 4px #33A75D; box-shadow:4px 4px 4px  
4px #33A75D }
```

Background

The CSS property to change the background color of an element to Hex 33A75D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A75D }
```

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

```
.background{ background-color:#33A75D }
```

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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