

Converting Colors

Hex(33A93F)

Have a look what the booklet for
Hex(33A93F) contains.

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Color

Hex(33A93F)

Conversions

Conversions Part 1

Format	Color
Hex	33A93F
RGB	51, 169, 63
RGB Percent	20%, 66%, 25%
CMY	0.8000, 0.3373, 0.7529
CMYK	0.70, 0.00, 0.63, 0.34
HSL	126°, 54%, 43%
HSV	126°, 70%, 66%
XYZ	16.4504, 29.4386, 9.5178
YIQ	121.6340, -36.3020, -57.9820

Conversions

Conversions Part 2

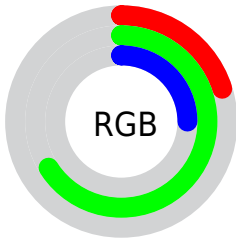
Format	Color
RYB	51, 158, 169
Decimal	3385663
CIELab	61.17, -53.97, 44.29
CIElCh	61, 69.815, 140.630
Yxy	29.4386, 0.2969, 0.5313
Android (android.graphics.Color)	4281575743 (0xFF33A93F)
YUV	121.6340, -28.9066, -61.9460
Hunter-Lab	54.2574, -40.8306, 27.5795

Details

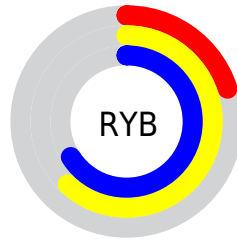
The Hex color **33A93F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A9339D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **71E173**, and **007305** is the 20% darker color. If you saturate the color by 10%, you get **22A930**, and if you desaturate by 10%, it is **44A94E**.

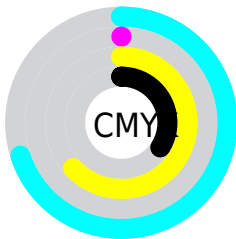
Distribution



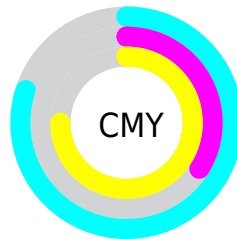
- Red (20%)
- Green (66%)
- Blue (25%)



- Red (20%)
- Yellow (62%)
- Blue (66%)



- Cyan (70%)
- Magenta (0%)
- Yellow (63%)
- Black (34%)



- Cyan (80%)
- Magenta (34%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A93F 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 33A93F by changing the saturation by 10% instead.

 33A93F

 33A93F

FFFFFF

 008E25

 71E173

 007305

 8FFE8D

 005A00

 ACFFA8

 004100

 C9FFC4

 002B00

 E7FFE1

 000800

FFFFFFE


 000000

 33A93F

 33A93F

 22A930

 44A94E

 11A921

 55A95D

 00A911

 66A96D

 77A97C

 87A98B

 98A99A

 A9A9A9

 BAA9B8

 CBA9C8

Harmonies

Analogous

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



889D00



33A93F



00AF7E

Triad

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



33A93F



00A1FF



FF576C

Complementary

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



33A93F



A9339D

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.



F856AA



33A93F



698CFF

Square

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



33A93F



00ACF2



CA6FE3



EB7034

Rectangle

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



33A93F



00B0A9



CA6FE3



FF5380

Sweetspot

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



33A93F



ADDBB2



9DA933



526E55



EDEDED



6E6E6E

Same Dimension

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



33A93F



23DB36



33A97A



4C544D



00940F



001402

Inverse Universe

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



A9339D



DB23C9



A93362



544C53



940085



140012

Previews

White Background



This preview shows how the Hex color 33A93F looks on a white background.

Color Contrast Check

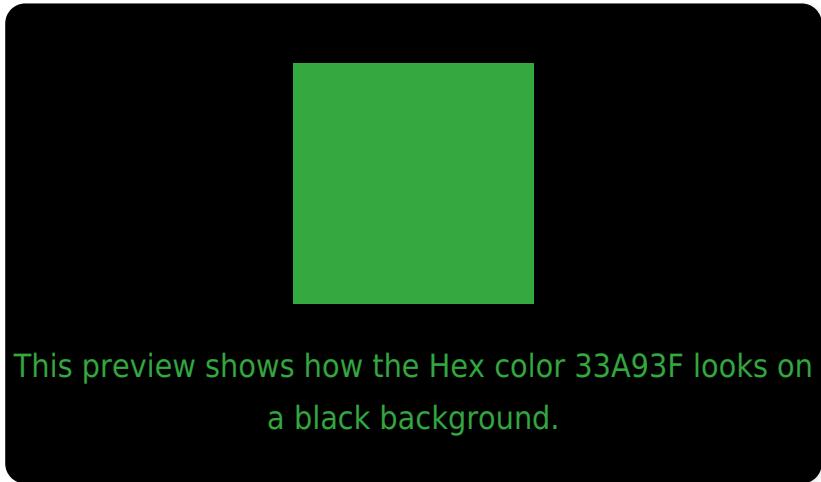
Large Text (above 18pt) WCAG AA ✓ Pass

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

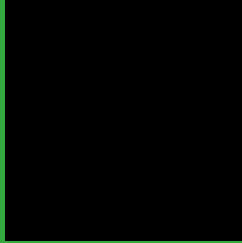
Any Text WCAG AA ✓ Pass

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 33A93F Background



This preview shows how black text looks on a background with the Hex color 33A93F.



This preview shows how white text looks on a background with the Hex color 33A93F.

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](#).

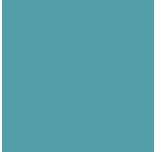
Dichromacy



Original Color
33A93F

Protanopia
A39339

Deuteranopia
B48B48



Tritanopia
529EAB

Trichromacy



Original Color
33A93F



Protanomaly
7A9B3B



Deuteranomaly
859645



Tritanomaly
47A284

Monochromacy



Original Color
33A93F



Achromatopsia
7A7A7A



Achromatomaly
608B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 33A93F 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 #33A93F looks like.

```
.text, #text, p{  
    color:#33A93F  
}
```

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 #33A93F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A93F
}
```

Border

The CSS property to change the border of an element to Hex 33A93F 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
#33A93F }
```

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

```
.border{ border-color:#33A93F }
```

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

Here you see how a box with a 4 pixel #33A93F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A93F; -webkit-box-shadow:4px 4px  
4px 4px #33A93F; box-shadow:4px 4px 4px  
4px #33A93F }
```

Background

The CSS property to change the background color of an element to Hex 33A93F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A93F }
```

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

```
.background{ background-color:#33A93F }
```

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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