

Converting Colors

Hex(33BF53)

Have a look what the booklet for
Hex(33BF53) contains.

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Color

Hex(33BF53)

Conversions

Conversions Part 1

Format	Color
Hex	33BF53
RGB	51, 191, 83
RGB Percent	20%, 75%, 33%
CMY	0.8000, 0.2510, 0.6745
CMYK	0.73, 0.00, 0.57, 0.25
HSL	134°, 58%, 47%
HSV	134°, 73%, 75%
XYZ	21.5574, 38.5899, 14.4960
YIQ	136.8280, -48.7720, -63.2680

Conversions

Conversions Part 2

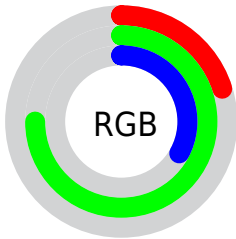
Format	Color
RYB	51, 165, 191
Decimal	3391315
CIELab	68.45, -59.10, 43.49
CIELCh	68, 73.374, 143.655
Yxy	38.5899, 0.2888, 0.5170
Android (android.graphics.Color)	4281581395 (0xFF33BF53)
YUV	136.8280, -26.5372, -75.2712
Hunter-Lab	62.1208, -46.7677, 29.6491

Details

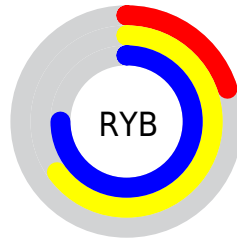
The Hex color **33BF53** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BF339F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **75F987**, and **00881F** is the 20% darker color. If you saturate the color by 10%, you get **20BF44**, and if you desaturate by 10%, it is **46BF62**.

Distribution



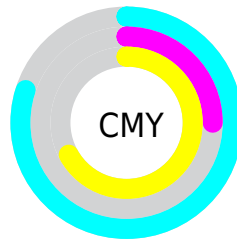
- Red (20%)
- Green (75%)
- Blue (33%)



- Red (20%)
- Yellow (65%)
- Blue (75%)



- Cyan (73%)
- Magenta (0%)
- Yellow (57%)
- Black (25%)



- Cyan (80%)
- Magenta (25%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33BF53 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 33BF53 by changing the saturation by 10% instead.

 33BF53

FFFFFF

 75F987

 93FFA2

 B1FFBE

 CFFFDA


 EEEFF7

 33BF53

 20BF44

 33BF53

 00A33A

 00881F

 006E00

 005400

 003B00

 002400

 000000

 33BF53

 46BF62

0DBF36

59BF70

00BF2C

6CBF7F

7FBF8E

93BF9D

A6BFAB

B9BFBA

CCBFC9

DFBFD8

Harmonies

Analogous

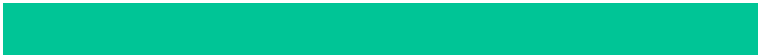
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94B313



33BF53



00C596

Triad

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



33BF53



00B3FF



FF6976

Complementary

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



33BF53



BF339F

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.



FF65B8



33BF53



8A9BFF

Square

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



33BF53



00C0FF



E97DF7



FF843B

Rectangle

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



33BF53



00C6C4



E97DF7



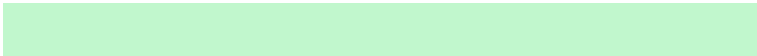
FF648B

Sweetspot

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



33BF53



C1F7CD



A1BF33



5C7D64



FCFCFC



7D7D7D

Same Dimension

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



33BF53



1EF74F



33BF97



555E57



009E24



001F07

Inverse Universe

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



BF339F



F71EC6



BF335B



5E555C



9E007A



1F0018

Previews

White Background



This preview shows how the Hex color 33BF53 looks on a white background.

Color Contrast Check

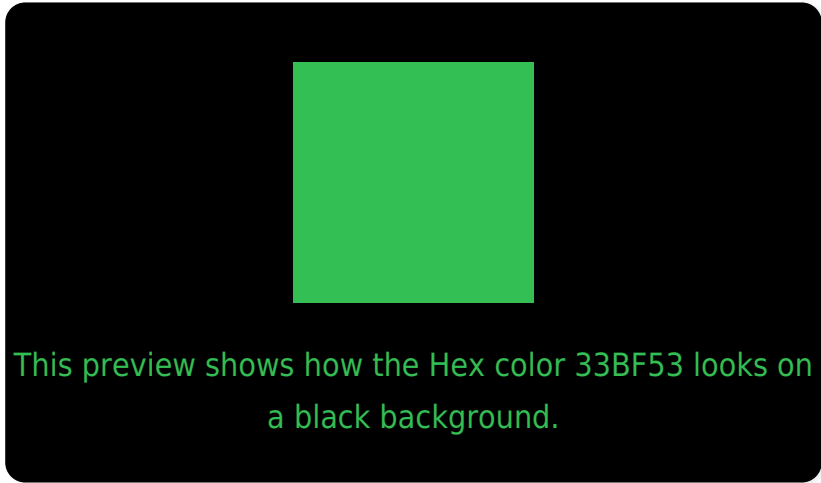
Large Text (above 18pt) WCAG AA × Fail

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

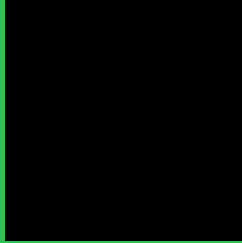
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 33BF53 Background



This preview shows how black text looks on a background with the Hex color 33BF53.



This preview shows how white text looks on a background with the Hex color 33BF53.

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](#).

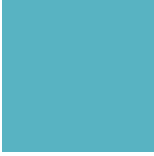
Dichromacy



Original Color
33BF53

Protanopia
B8A64B

Deuteranopia
CA9E5C



Tritanopia
58B3C2

Trichromacy



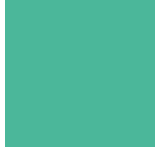
Original Color
33BF53



Protanomaly
88AF4E



Deuteranomaly
93AA59



Tritanomaly
4BB79A

Monochromacy



Original Color
33BF53



Achromatopsia
898989



Achromatomaly
6A9D75

CSS Examples

Text

The CSS property to change the color of the text to Hex 33BF53 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 #33BF53 looks like.

```
.text, #text, p{  
    color:#33BF53  
}
```

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 #33BF53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33BF53
}
```

Border

The CSS property to change the border of an element to Hex 33BF53 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
#33BF53 }
```

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

```
.border{ border-color:#33BF53 }
```

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

Here you see how a box with a 4 pixel #33BF53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33BF53; -webkit-box-shadow:4px 4px  
4px 4px #33BF53; box-shadow:4px 4px 4px  
4px #33BF53 }
```

Background

The CSS property to change the background color of an element to Hex 33BF53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33BF53 }
```

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

```
.background{ background-color:#33BF53 }
```

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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