

Converting Colors

Hex(33B361)

Have a look what the booklet for
Hex(33B361) contains.

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Color

Hex(33B361)

Conversions

Conversions Part 1

Format	Color
Hex	33B361
RGB	51, 179, 97
RGB Percent	20%, 70%, 38%
CMY	0.8000, 0.2980, 0.6196
CMYK	0.72, 0.00, 0.46, 0.30
HSL	142°, 56%, 45%
HSV	142°, 72%, 70%
XYZ	19.6430, 33.8071, 16.7994
YIQ	131.3800, -49.9660, -52.6380

Conversions

Conversions Part 2

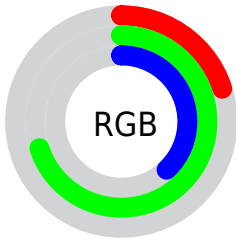
Format	Color
RYB	51, 145, 179
Decimal	3388257
CIELab	64.81, -52.70, 32.06
CIELCh	65, 61.684, 148.688
Yxy	33.8071, 0.2796, 0.4812
Android (android.graphics.Color)	4281578337 (0xFF33B361)
YUV	131.3800, -16.9493, -70.4933
Hunter-Lab	58.1439, -41.4483, 23.5702

Details

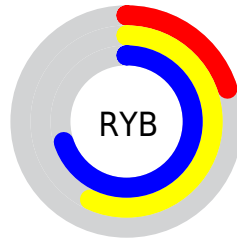
The Hex color **33B361** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B33385**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **72EC95**, and **007D30** is the 20% darker color. If you saturate the color by 10%, you get **21B356**, and if you desaturate by 10%, it is **45B36C**.

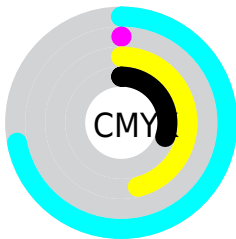
Distribution



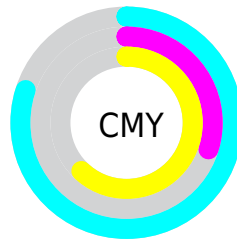
- Red (20%)
- Green (70%)
- Blue (38%)



- Red (20%)
- Yellow (57%)
- Blue (70%)



- Cyan (72%)
- Magenta (0%)
- Yellow (46%)
- Black (30%)



- Cyan (80%)
- Magenta (30%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33B361 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 33B361 by changing the saturation by 10% instead.



33B361



33B361

FFFFFF



009848



72EC95



007D30



90FFB0



006319



ADFFCB



004A00



CBFFE8



003300



E8FFFF



001900



000000



33B361



33B361



21B356



45B36C

0FB34A

57B378

00B340

69B383

7BB38F

8DB39A

9EB3A6

B0B3B1

C2B3BD

D4B3C8

Harmonies

Analogous

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



85A934



33B361



00B799

Triad

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



33B361



00A4FF



FF706C

Complementary

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



33B361



B33385

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.



FE69A2



33B361



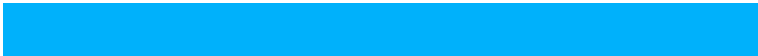
9990FE

Square

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



33B361



00B1FB



DE78D7



E6843E

Rectangle

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



33B361



00B8BF



DE78D7



FF6B7D

Sweetspot

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



33B361



B7E8C9



86B333



587563



F5F5F5



757575

Same Dimension

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



33B361



20E868



33B3A0



505954



009937



001A09

Inverse Universe

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



B33385



E820A0



B33346



595056



990062



1A0010

Previews

White Background



This preview shows how the Hex color 33B361 looks on a white background.

Color Contrast Check

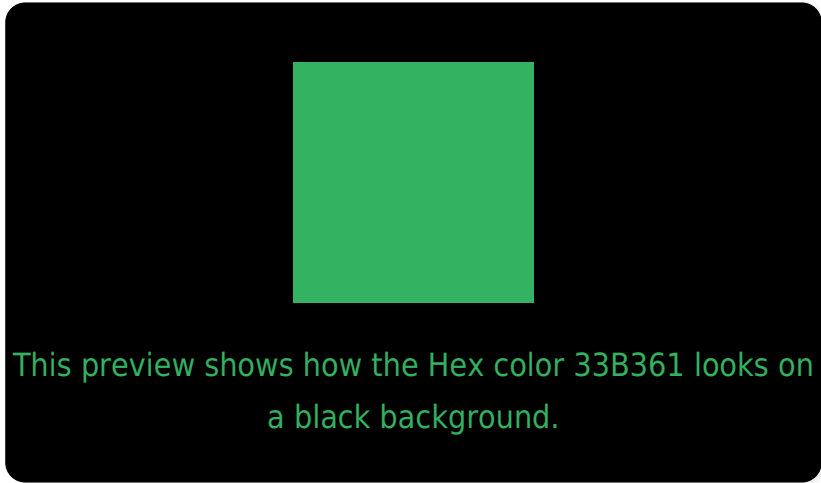
Large Text (above 18pt) WCAG AA × Fail

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

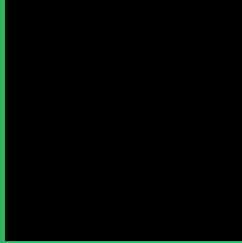
Any Text WCAG AA ✓ Pass

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 33B361 Background



This preview shows how black text looks on a background with the Hex color 33B361.

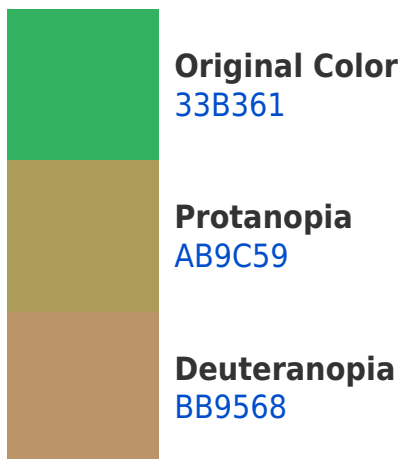


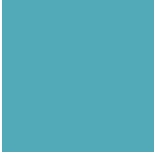
This preview shows how white text looks on a background with the Hex color 33B361.

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
52A9B7

Trichromacy



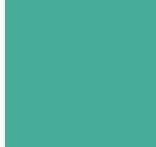
Original Color
33B361



Protanomaly
7FA45C



Deuteranomaly
8AA065



Tritanomaly
47AD98

Monochromacy



Original Color
33B361



Achromatopsia
838383



Achromatomaly
669477

CSS Examples

Text

The CSS property to change the color of the text to Hex 33B361 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 #33B361 looks like.

```
.text, #text, p{  
    color:#33B361  
}
```

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 #33B361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33B361
}
```

Border

The CSS property to change the border of an element to Hex 33B361 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
#33B361 }
```

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

```
.border{ border-color:#33B361 }
```

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

Here you see how a box with a 4 pixel #33B361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33B361; -webkit-box-shadow:4px 4px  
4px 4px #33B361; box-shadow:4px 4px 4px  
4px #33B361 }
```

Background

The CSS property to change the background color of an element to Hex 33B361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33B361 }
```

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

```
.background{ background-color:#33B361 }
```

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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