

Converting Colors

Hex(33BA12)

Have a look what the booklet for
Hex(33BA12) contains.

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Color

Hex(33BA12)

Conversions

Conversions Part 1

Format	Color
Hex	33BA12
RGB	51, 186, 18
RGB Percent	20%, 73%, 7%
CMY	0.8000, 0.2706, 0.9294
CMYK	0.73, 0.00, 0.90, 0.27
HSL	108°, 82%, 40%
HSV	108°, 90%, 73%
XYZ	19.0333, 35.8653, 6.4918
YIQ	126.4830, -26.5320, -80.8680

Conversions

Conversions Part 2

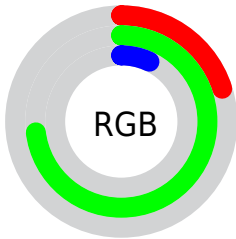
Format	Color
RYB	18, 186, 153
Decimal	3389970
CIELab	66.42, -62.72, 63.97
CIELCh	66, 89.585, 134.437
Yxy	35.8653, 0.3100, 0.5842
Android (android.graphics.Color)	4281580050 (0xFF33BA12)
YUV	126.4830, -53.4821, -66.1986
Hunter-Lab	59.8876, -48.0730, 35.4943

Details

The Hex color **33BA12** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9912BA**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **77F354**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **25BA00**, and if you desaturate by 10%, it is **42BA25**.

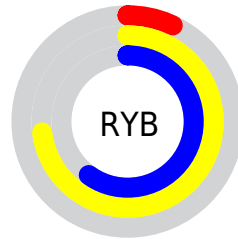
Distribution



Red (20%)

Green (73%)

Blue (7%)



Red (7%)

Yellow (73%)

Blue (60%)

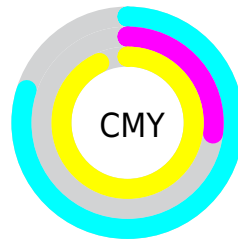


Cyan (73%)

Magenta (0%)

Yellow (90%)

Black (27%)



Cyan (80%)

Magenta (27%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33BA12 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 33BA12 by changing the saturation by 10% instead.

 33BA12

 33BA12

FFFFFF

 009E00

 77F354

 008300

 95FF70

 006900

 B4FF8C

 004F00

 D2FFA8

 003800

 F0FFC4

 001E00

 FFFFE2

 000000

 33BA12

 33BA12

 25BA00

 42BA25

 51BA37

 60BA4A

 6FBA5C

 7EBA6F

 8DBA82

 9CBA94

 ABBAA7

 BABAB9

Harmonies

Analogous

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



9FAA00



33BA12



00C273

Triad

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



33BA12



00B7FF



FF3D7F

Complementary

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



33BA12



9912BA

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.



FF48CF



33BA12



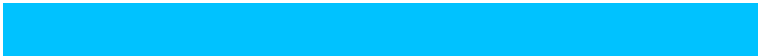
009EFF

Square

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



33BA12



00C2FF



D377FF



FF6630

Rectangle

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



33BA12



00C4AC



D377FF



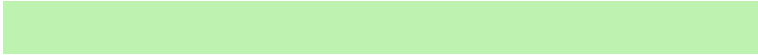
FF3899

Sweetspot

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



33BA12



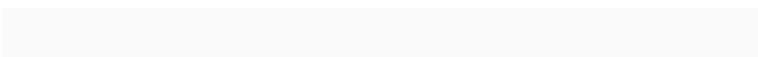
BEF2B1



BA9812



5B7A53



FAFAFA



7A7A7A

Same Dimension

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



33BA12



30F200



12BA44



545C53



1F9C00



061C00

Inverse Universe

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



9912BA



C300F2



BA1288



5A535C



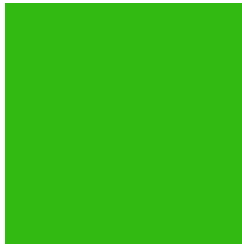
7D009C



17001C

Previews

White Background



This preview shows how the Hex color 33BA12 looks on a white background.

Color Contrast Check

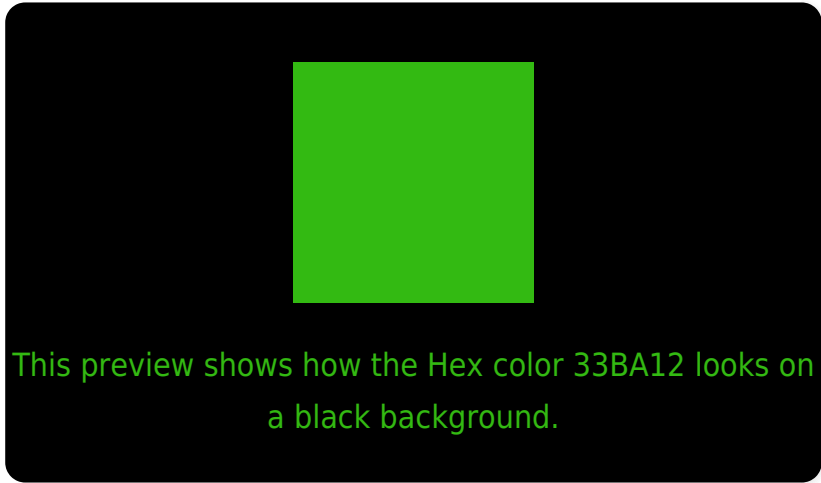
Large Text (above 18pt) WCAG AA × Fail

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

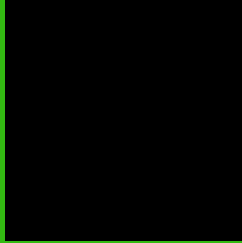
Any Text WCAG AA ✓ Pass

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 33BA12 Background



This preview shows how black text looks on a background with the Hex color 33BA12.

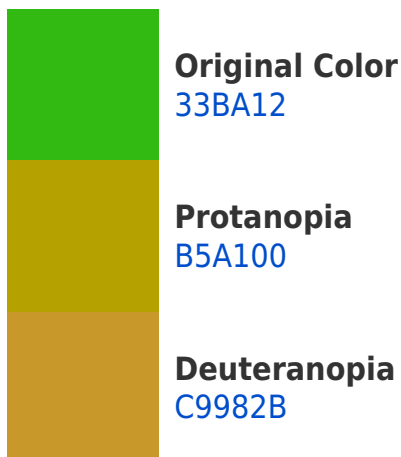


This preview shows how white text looks on a background with the Hex color 33BA12.

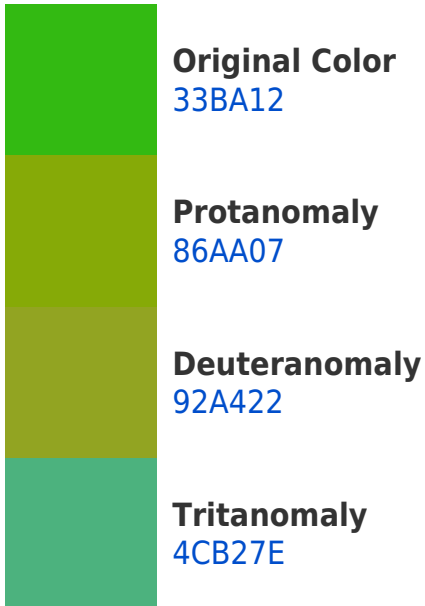
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33BA12 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 #33BA12 looks like.

```
.text, #text, p{  
    color:#33BA12  
}
```

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 #33BA12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33BA12
}
```

Border

The CSS property to change the border of an element to Hex 33BA12 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
#33BA12 }
```

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

```
.border{ border-color:#33BA12 }
```

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

Here you see how a box with a 4 pixel #33BA12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33BA12; -webkit-box-shadow:4px 4px  
4px 4px #33BA12; box-shadow:4px 4px 4px  
4px #33BA12 }
```

Background

The CSS property to change the background color of an element to Hex 33BA12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33BA12 }
```

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

```
.background{ background-color:#33BA12 }
```

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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