

Converting Colors

Hex(8CB133)

Have a look what the booklet for
Hex(8CB133) contains.

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Color

Hex(8CB133)

Conversions

Conversions Part 1

Format	Color
Hex	8CB133
RGB	140, 177, 51
RGB Percent	55%, 69%, 20%
CMY	0.4510, 0.3059, 0.8000
CMYK	0.21, 0.00, 0.71, 0.31
HSL	78°, 55%, 45%
HSV	78°, 71%, 69%
XYZ	27.1349, 37.2587, 8.8935
YIQ	151.5730, 18.3940, -47.0300

Conversions

Conversions Part 2

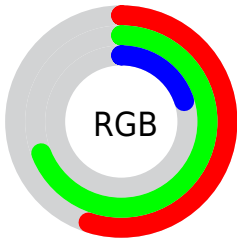
Format	Color
RYB	51, 177, 88
Decimal	9220403
CIELab	67.47, -30.56, 57.14
CIELCh	67, 64.797, 118.137
Yxy	37.2587, 0.3703, 0.5084
Android (android.graphics.Color)	4287410483 (0xFF8CB133)
YUV	151.5730, -49.5825, -10.1495
Hunter-Lab	61.0399, -27.4689, 34.0895

Details

The Hex color **8CB133** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5833B1**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C4E969**, and **567C00** is the 20% darker color. If you saturate the color by 10%, you get **87B121**, and if you desaturate by 10%, it is **91B145**.

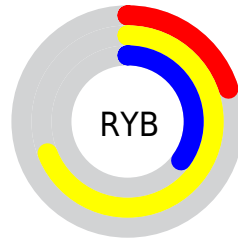
Distribution



Red (55%)

Green (69%)

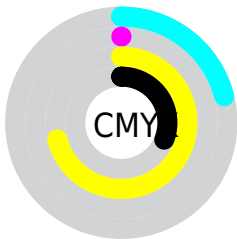
Blue (20%)



Red (20%)

Yellow (69%)

Blue (35%)

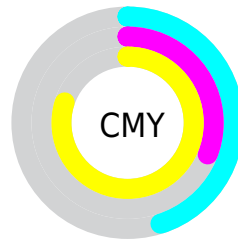


Cyan (21%)

Magenta (0%)

Yellow (71%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CB133 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 8CB133 by changing the saturation by 10% instead.



8CB133



8CB133

FFFFFF



719613



C4E969



567C00



E1FF84



3B6300



FFFFA0



204B00



FFFFBC



003400



FFFFD9



002100



FFFFF6



000000



8CB133



8CB133



87B121



91B145

■ 82B110

■ 96B156

■ 7DB100

■ 9CB168

■ A1B17A

■ A6B18B

■ ABB19D

■ B0B1AF

■ B6B1C1

■ BBB1D2

Harmonies

Analogous

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



C5A021



8CB133



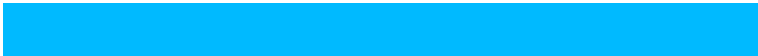
35BB63

Triad

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



8CB133



00BAFF



FF6DAA

Complementary

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



8CB133



5833B1

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.



E77DE3



8CB133



00ACFF

Square

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



8CB133



00C0DA



9E96FF



FF7471

Rectangle

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



8CB133



00BF8A



9E96FF



FF70BE

Sweetspot

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



8CB133



D7E6B5



B15733



6A7356



F2F2F2



737373

Same Dimension

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



8CB133



ACE622



4EB133



575950



6C9900



121A00

Inverse Universe

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



5833B1



5C22E6



9633B1



535059



2D0099



07001A

Previews

White Background



This preview shows how the Hex color 8CB133 looks on a white background.

Color Contrast Check

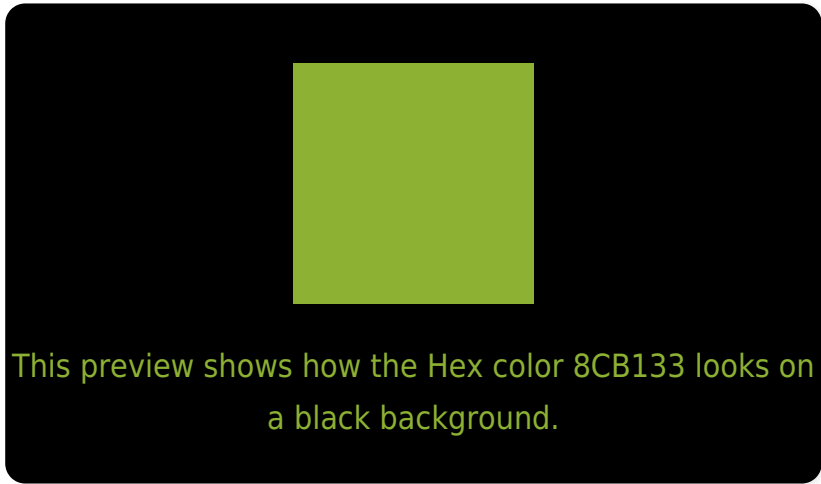
Large Text (above 18pt) WCAG AA × Fail

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 8CB133 Background



This preview shows how black text looks on a background with the Hex color 8CB133.



This preview shows how white text looks on a background with the Hex color 8CB133.

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
8CB133

Protanopia
B8A430

Deuteranopia
CC9C3B



Tritanopia
9AA5B2

Trichromacy



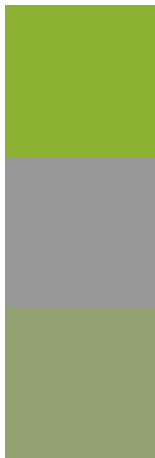
Original Color
8CB133

Protanomaly
A8A931

Deuteranomaly
B5A438

Tritanomaly
95A984

Monochromacy



Original Color
8CB133

Achromatopsia
989898

Achromatomaly
94A173

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CB133 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 #8CB133 looks like.

```
.text, #text, p{  
    color:#8CB133  
}
```

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 #8CB133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CB133
}
```

Border

The CSS property to change the border of an element to Hex 8CB133 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
#8CB133 }
```

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

```
.border{ border-color:#8CB133 }
```

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

Here you see how a box with a 4 pixel #8CB133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CB133; -webkit-box-shadow:4px 4px  
4px 4px #8CB133; box-shadow:4px 4px 4px  
4px #8CB133 }
```

Background

The CSS property to change the background color of an element to Hex 8CB133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CB133 }
```

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

```
.background{ background-color:#8CB133 }
```

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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