

Converting Colors

Hex(8EB330)

Have a look what the booklet for
Hex(8EB330) contains.

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Color

Hex(8EB330)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8EB330 |
| RGB | 142, 179, 48 |
| RGB Percent | 56%, 70%, 19% |
| CMY | 0.4431, 0.2980, 0.8118 |
| CMYK | 0.21, 0.00, 0.73, 0.30 |
| HSL | 77°, 58%, 45% |
| HSV | 77°, 73%, 70% |
| XYZ | 27.8089, 38.2044, 8.7048 |
| YIQ | 153.0030, 19.9990, -48.5850 |

Conversions

Conversions Part 2

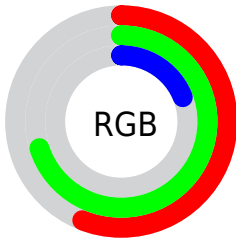
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 48, 179, 85 |
| Decimal | 9351984 |
| CIELab | 68.17, -30.87, 58.96 |
| CIELCh | 68, 66.557, 117.635 |
| Yxy | 38.2044, 0.3722, 0.5113 |
| Android (android.graphics.Color) | 4287542064 (0xFF8EB330) |
| YUV | 153.0030, -51.7665, -9.6496 |
| Hunter-Lab | 61.8097, -27.8577, 34.9168 |

Details

The Hex color **8EB330** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5530B3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C7EB67**, and **577E00** is the 20% darker color. If you saturate the color by 10%, you get **89B31E**, and if you desaturate by 10%, it is **93B342**.

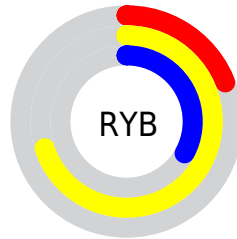
Distribution



Red (56%)

Green (70%)

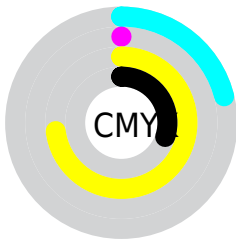
Blue (19%)



Red (19%)

Yellow (70%)

Blue (33%)

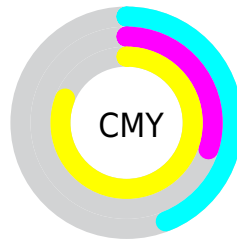


Cyan (21%)

Magenta (0%)

Yellow (73%)

Black (30%)



Cyan (44%)

Magenta (30%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EB330 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 8EB330 by changing the saturation by 10% instead.



8EB330



8EB330

FFFFFF



72980D



C7EB67



577E00



E4FF82



3D6500



FFFF9E



214D00



FFFFBA



003600



FFFFD7



002200



FFFFF4



000000



8EB330



8EB330



89B31E



93B342

 84B30C

 98B354

 80B300

 9DB366

 A2B378

 A7B38A

 ACB39B

 B1B3AD

 B6B3BF

 BCB3D1

Harmonies

Analogous

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



C9A21E



8EB330



34BD62

Triad

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



8EB330



00BCFF



FF6DAE

Complementary

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



8EB330



5530B3

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.



EA7EE7



8EB330



00AFFF

Square

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



8EB330



00C2DC



9D98FF



FF7372

Rectangle

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



8EB330



00C18A



9D98FF



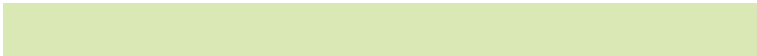
FF70C2

Sweetspot

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



8EB330



DAE8B5



B35330



6D7557



F5F5F5



757575

Same Dimension

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



8EB330



AEE81C



4FB330



575950



6E9900



121A00

Inverse Universe

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



5530B3



561CE8



9430B3



535059



2B0099



07001A

Previews

White Background



This preview shows how the Hex color 8EB330 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 8EB330 Background



This preview shows how black text looks on a background with the Hex color 8EB330.



This preview shows how white text looks on a background with the Hex color 8EB330.

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
8EB330

Protanopia
BAA62D

Deuteranopia
CF9D39



Tritanopia
9CA7B4

Trichromacy



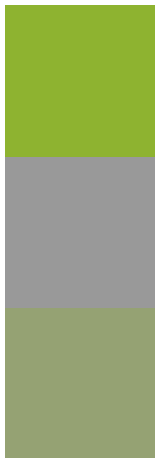
Original Color
8EB330

Protanomaly
AAAB2E

Deuteranomaly
B7A536

Tritanomaly
97AB84

Monochromacy



Original Color
8EB330

Achromatopsia
999999

Achromatomaly
95A273

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EB330 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 #8EB330 looks like.

```
.text, #text, p{  
    color:#8EB330  
}
```

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 #8EB330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EB330  
}
```

Border

The CSS property to change the border of an element to Hex 8EB330 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  
#8EB330 }
```

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

```
.border{ border-color:#8EB330 }
```

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

Here you see how a box with a 4 pixel #8EB330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EB330; -webkit-box-shadow:4px 4px  
4px 4px #8EB330; box-shadow:4px 4px 4px  
4px #8EB330 }
```

Background

The CSS property to change the background color of an element to Hex 8EB330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EB330 }
```

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

```
.background{ background-color:#8EB330 }
```

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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