

Converting Colors

Hex(5B8330)

Have a look what the booklet for
Hex(5B8330) contains.

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Color

Hex(5B8330)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5B8330 |
| RGB | 91, 131, 48 |
| RGB Percent | 36%, 51%, 19% |
| CMY | 0.6431, 0.4863, 0.8118 |
| CMYK | 0.31, 0.00, 0.63, 0.49 |
| HSL | 89°, 46%, 35% |
| HSV | 89°, 63%, 51% |
| XYZ | 12.9642, 18.6701, 5.7167 |
| YIQ | 109.5780, 2.8030, -34.2930 |

Conversions

Conversions Part 2

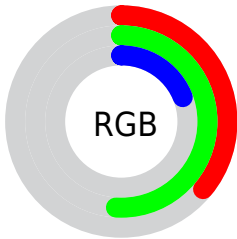
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 48, 131, 88 |
| Decimal | 5997360 |
| CIE _{Lab} | 50.30, -28.39, 39.42 |
| CIE _{LCh} | 50, 48.580, 125.765 |
| Yxy | 18.6701, 0.3471, 0.4999 |
| Android (android.graphics.Color) | 4284187440 (0xFF5B8330) |
| YUV | 109.5780, -30.3580, -16.2929 |
| Hunter-Lab | 43.2090, -22.0595, 22.4020 |

Details

The Hex color **5B8330** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **583083**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **90B862**, and **285100** is the 20% darker color. If you saturate the color by 10%, you get **558323**, and if you desaturate by 10%, it is **61833D**.

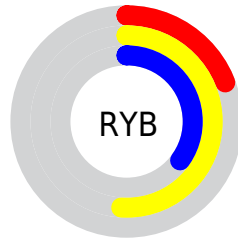
Distribution



Red (36%)

Green (51%)

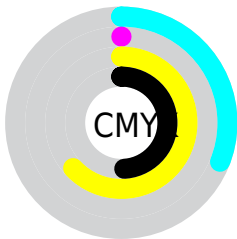
Blue (19%)



Red (19%)

Yellow (51%)

Blue (35%)

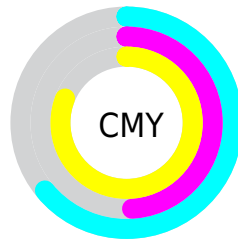


Cyan (31%)

Magenta (0%)

Yellow (63%)

Black (49%)



Cyan (64%)

Magenta (49%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8330 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 5B8330 by changing the saturation by 10% instead.

 5B8330

 5B8330

FFFFFF

 426A17

 90B862

 285100

 ABD47B

 0F3A00

 C7F096

 002500

 E4FFB1

 000200

 FFFFCD

 000000

 FFFFEA

 5B8330

 5B8330

 558323

 61833D

■ 4E8316

■ 68834A

■ 488309

■ 6E8357

■ 448300

■ 748364

■ 7B8372

■ 81837F

■ 87838C

■ 8E8399

■ 9483A6

Harmonies

Analogous

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



86781D



5B8330



0A8954

Triad

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



5B8330



0085C3



C35171

Complementary

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



5B8330



583083

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.



B0599A



5B8330



2D7ACA

Square

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



5B8330



008BA7



8469BB



BE594A

Rectangle

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



5B8330



008B70



8469BB



BF527F

Sweetspot

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



5B8330



9BAB8A



835730



4D5743



D6D6D6



575757

Same Dimension

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



5B8330



6CAB29



338330



3F423C



438200



010300

Inverse Universe

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



583083



6829AB



803083



3F3C42



3F0082



010003

Previews

White Background



This preview shows how the Hex color 5B8330 looks on a white background.

Color Contrast Check

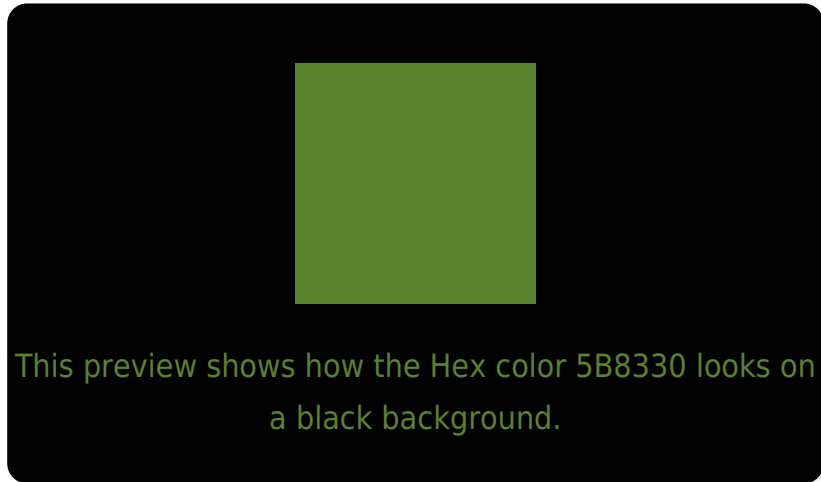
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 5B8330 Background



This preview shows how black text looks on a background with the Hex color 5B8330.



This preview shows how white text looks on a background with the Hex color 5B8330.

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
5B8330

Protanopia
85772D

Deuteranopia
947135



Tritanopia
677B84

Trichromacy



Original Color
5B8330

Protanomaly
767B2E

Deuteranomaly
7F7833

Tritanomaly
637E65

Monochromacy



Original Color
5B8330

Achromatopsia
6E6E6E

Achromatomaly
677657

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8330 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 #5B8330 looks like.

```
.text, #text, p{  
    color:#5B8330  
}
```

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 #5B8330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8330
}
```

Border

The CSS property to change the border of an element to Hex 5B8330 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
#5B8330 }
```

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

```
.border{ border-color:#5B8330 }
```

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

Here you see how a box with a 4 pixel #5B8330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8330; -webkit-box-shadow:4px 4px  
4px 4px #5B8330; box-shadow:4px 4px 4px  
4px #5B8330 }
```

Background

The CSS property to change the background color of an element to Hex 5B8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8330 }
```

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

```
.background{ background-color:#5B8330 }
```

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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