

Converting Colors

Hex(5D8331)

Have a look what the booklet for
Hex(5D8331) contains.

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Color

Hex(5D8331)

Conversions

Conversions Part 1

Format	Color
Hex	5D8331
RGB	93, 131, 49
RGB Percent	36%, 51%, 19%
CMY	0.6353, 0.4863, 0.8078
CMYK	0.29, 0.00, 0.63, 0.49
HSL	88°, 46%, 35%
HSV	88°, 63%, 51%
XYZ	13.1849, 18.7815, 5.8360
YIQ	110.2900, 3.6740, -33.5580

Conversions

Conversions Part 2

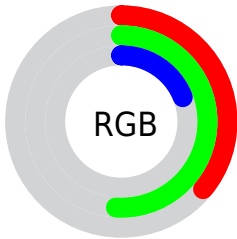
Format	Color
R_{YB}	49, 131, 87
Decimal	6128433
CIE _{Lab}	50.43, -27.51, 39.13
CIE _{LCh}	50, 47.830, 125.108
Yxy	18.7815, 0.3488, 0.4968
Android (android.graphics.Color)	4284318513 (0xFF5D8331)
YUV	110.2900, -30.2160, -15.1633
Hunter-Lab	43.3376, -21.5347, 22.3521

Details

The Hex color **5D8331** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **573183**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **92B863**, and **2A5100** is the 20% darker color. If you saturate the color by 10%, you get **578324**, and if you desaturate by 10%, it is **63833E**.

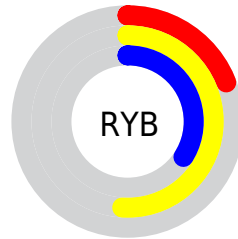
Distribution



Red (36%)

Green (51%)

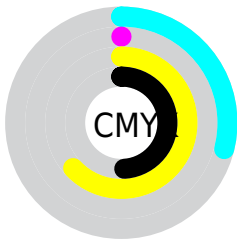
Blue (19%)



Red (19%)

Yellow (51%)

Blue (34%)

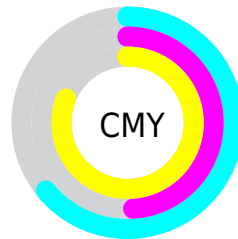


Cyan (29%)

Magenta (0%)

Yellow (63%)

Black (49%)



Cyan (64%)

Magenta (49%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8331 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 5D8331 by changing the saturation by 10% instead.

 5D8331

 5D8331

FFFFFF

 446A18

 92B863

 2A5100

 ADD47C

 123A00

 C9F097

 002400

 E6FFB2

 000300

 FFFFCE

 000000

 FFFFEB

 5D8331

 5D8331

 578324

 63833E

■ 518317

■ 69834B

■ 4B830A

■ 6F8358

■ 468300

■ 758365

■ 7B8372

■ 818380

■ 87838D

■ 8E839A

■ 9483A7

Harmonies

Analogous

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



877820



5D8331



158954

Triad

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



5D8331



0085C1



C25273

Complementary

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



5D8331



573183

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.



AF5A9B



5D8331



2D7AC9

Square

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



5D8331



008BA6



836ABB



BE5A4B

Rectangle

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



5D8331



008B70



836ABB



BE5380

Sweetspot

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



5D8331



9CAB8A



835631



4D5743



D6D6D6



575757

Same Dimension

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



5D8331



6FAB2B



358331



3F423C



468200



010300

Inverse Universe

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



573183



662BAB



7F3183



3F3C42



3C0082



010003

Previews

White Background



This preview shows how the Hex color 5D8331 looks on a white background.

Color Contrast Check

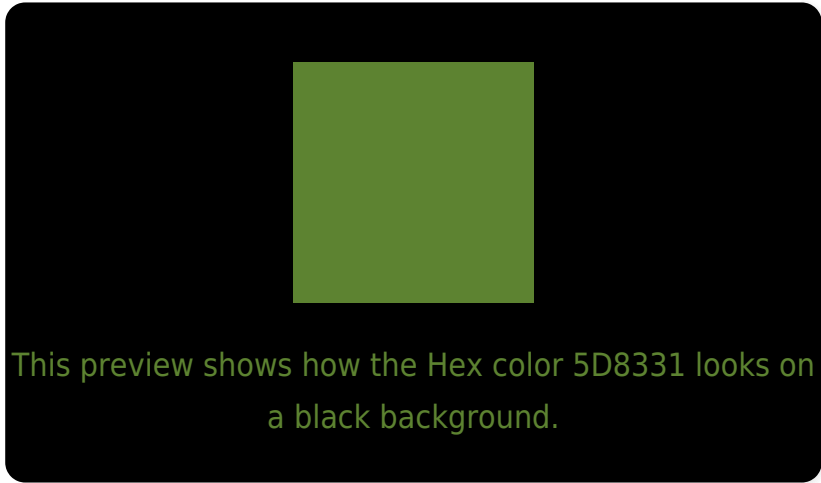
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D8331 Background



This preview shows how black text looks on a background with the Hex color 5D8331.



This preview shows how white text looks on a background with the Hex color 5D8331.

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
5D8331

Protanopia
85782E

Deuteranopia
947236



Tritanopia
687B84

Trichromacy



Original Color
5D8331

Protanomaly
767C2F

Deuteranomaly
807834

Tritanomaly
647E66

Monochromacy



Original Color
5D8331

Achromatopsia
6E6E6E

Achromatomaly
687658

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8331 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 #5D8331 looks like.

```
.text, #text, p{  
    color:#5D8331  
}
```

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 #5D8331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8331
}
```

Border

The CSS property to change the border of an element to Hex 5D8331 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
#5D8331 }
```

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

```
.border{ border-color:#5D8331 }
```

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

Here you see how a box with a 4 pixel #5D8331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8331; -webkit-box-shadow:4px 4px  
4px 4px #5D8331; box-shadow:4px 4px 4px  
4px #5D8331 }
```

Background

The CSS property to change the background color of an element to Hex 5D8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8331 }
```

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

```
.background{ background-color:#5D8331 }
```

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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