

Converting Colors

Hex(5D8831)

Have a look what the booklet for
Hex(5D8831) contains.

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Color

Hex(5D8831)

Conversions

Conversions Part 1

Format	Color
Hex	5D8831
RGB	93, 136, 49
RGB Percent	36%, 53%, 19%
CMY	0.6353, 0.4667, 0.8078
CMYK	0.32, 0.00, 0.64, 0.47
HSL	90°, 47%, 36%
HSV	90°, 64%, 53%
XYZ	13.8727, 20.1572, 6.0653
YIQ	113.2250, 2.2990, -36.1730

Conversions

Conversions Part 2

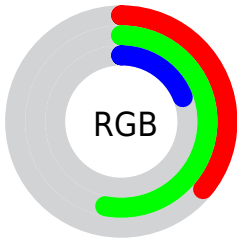
Format	Color
RYB	49, 136, 92
Decimal	6129713
CIELab	52.01, -29.91, 40.88
CIElCh	52, 50.657, 126.189
Yxy	20.1572, 0.3460, 0.5027
Android (android.graphics.Color)	4284319793 (0xFF5D8831)
YUV	113.2250, -31.6629, -17.7373
Hunter-Lab	44.8968, -23.4144, 23.4180

Details

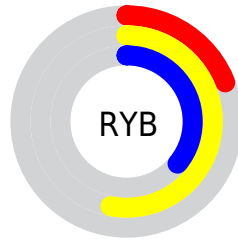
The Hex color **5D8831** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5C3188**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **92BE63**, and **2A5600** is the 20% darker color. If you saturate the color by 10%, you get **568823**, and if you desaturate by 10%, it is **64883F**.

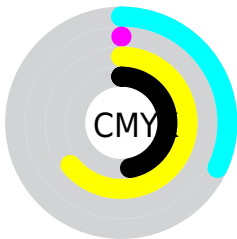
Distribution



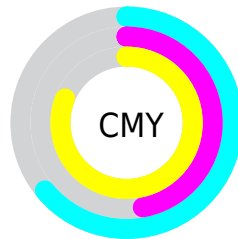
- Red (36%)
- Green (53%)
- Blue (19%)



- Red (19%)
- Yellow (53%)
- Blue (36%)



- Cyan (32%)
- Magenta (0%)
- Yellow (64%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8831 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 5D8831 by changing the saturation by 10% instead.



5D8831



5D8831

FFFFFF



436E17



92BE63



2A5600



AEDA7D



103E00



CAF698



002800



E6FFB3



000D00



FFFFCF



000000



FFFFEB



5D8831



5D8831



568823



64883F

■ 508816

■ 6A884C

■ 498808

■ 71885A

■ 458800

■ 788867

■ 7F8875

■ 858883

■ 8C8890

■ 93889E

■ 9988AB

Harmonies

Analogous

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



8B7D1D



5D8831



008E57

Triad

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



5D8831



008ACB



CB5375

Complementary

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



5D8831



5C3188

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.



B85BA0



5D8831



2D7ED2

Square

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



5D8831



0090AE



8A6DC2



C65C4B

Rectangle

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



5D8831



009175



8A6DC2



C75483

Sweetspot

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



5D8831



9FB08F



885B31



4F5945



D9D9D9



595959

Same Dimension

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



5D8831



6DB028



328831



41453E



438500



030500

Inverse Universe

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



5C3188



6B28B0



873188



413E45



420085



030005

Previews

White Background



This preview shows how the Hex color 5D8831 looks on a white background.

Color Contrast Check

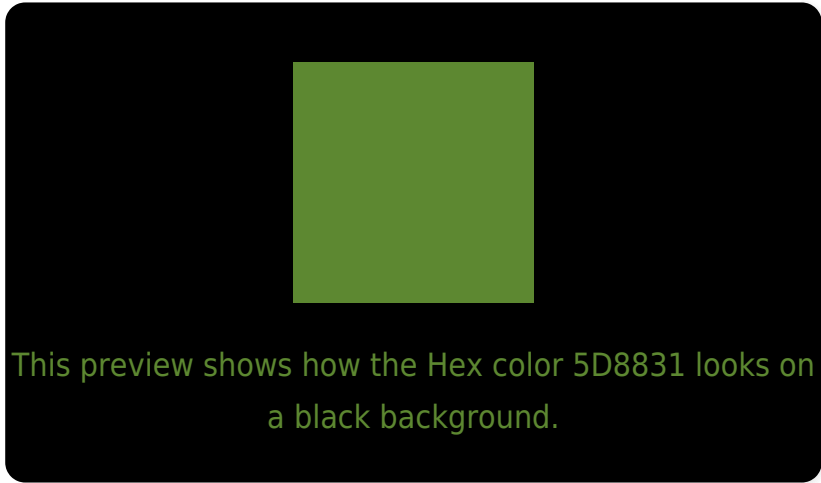
Large Text (above 18pt) WCAG AA ✓ Pass

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

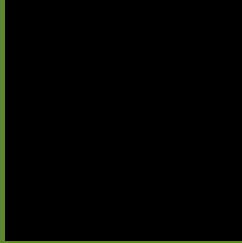
Any Text WCAG AA ✓ Pass

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 5D8831 Background



This preview shows how black text looks on a background with the Hex color 5D8831.



This preview shows how white text looks on a background with the Hex color 5D8831.

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
5D8831

Protanopia
8A7C2E

Deuteranopia
997637



Tritanopia
697F89

Trichromacy



Original Color
5D8831

Protanomaly
7A802F

Deuteranomaly
837D35

Tritanomaly
658269

Monochromacy



Original Color
5D8831

Achromatopsia
717171

Achromatomaly
6A795A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8831 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 #5D8831 looks like.

```
.text, #text, p{  
    color:#5D8831  
}
```

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 #5D8831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8831
}
```

Border

The CSS property to change the border of an element to Hex 5D8831 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
#5D8831 }
```

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

```
.border{ border-color:#5D8831 }
```

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

Here you see how a box with a 4 pixel #5D8831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8831; -webkit-box-shadow:4px 4px  
4px 4px #5D8831; box-shadow:4px 4px 4px  
4px #5D8831 }
```

Background

The CSS property to change the background color of an element to Hex 5D8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8831 }
```

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

```
.background{ background-color:#5D8831 }
```

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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