

Converting Colors

Hex(5A6835)

Have a look what the booklet for
Hex(5A6835) contains.

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Color

Hex(5A6835)

Conversions

Conversions Part 1

Format	Color
Hex	5A6835
RGB	90, 104, 53
RGB Percent	35%, 41%, 21%
CMY	0.6471, 0.5922, 0.7922
CMYK	0.13, 0.00, 0.49, 0.59
HSL	76°, 32%, 31%
HSV	76°, 49%, 41%
XYZ	9.8094, 12.3313, 5.2313
YIQ	94.0000, 8.0270, -18.8290

Conversions

Conversions Part 2

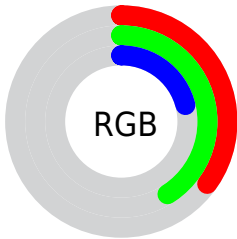
Format	Color
RYB	53, 104, 67
Decimal	5924917
CIELab	41.74, -14.34, 26.84
CIElCh	42, 30.430, 118.110
Yxy	12.3313, 0.3584, 0.4505
Android (android.graphics.Color)	4284114997 (0xFF5A6835)
YUV	94.0000, -20.2130, -3.5080
Hunter-Lab	35.1160, -11.5905, 15.7486

Details

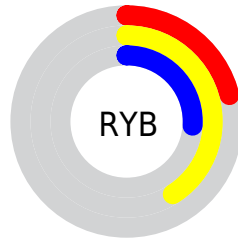
The Hex color **5A6835** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **433568**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8D9B65**, and **2B3907** is the 20% darker color. If you saturate the color by 10%, you get **57682B**, and if you desaturate by 10%, it is **5D683F**.

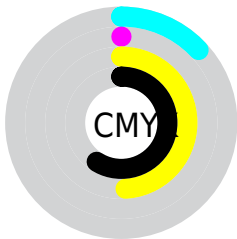
Distribution



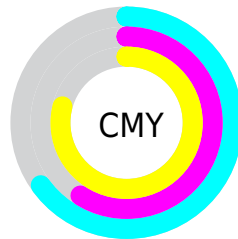
- Red (35%)
- Green (41%)
- Blue (21%)



- Red (21%)
- Yellow (41%)
- Blue (26%)



- Cyan (13%)
- Magenta (0%)
- Yellow (49%)
- Black (59%)



- Cyan (65%)
- Magenta (59%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6835 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 5A6835 by changing the saturation by 10% instead.

■ 5A6835

■ 5A6835

FFFFFF

■ 42501E

■ 8D9B65

■ 2B3907

■ A8B67E

■ 152300

■ C3D298

■ 000C00

■ E0EEB3

■ 000000

■ FCFFCF

■ FFFFEB

■ 5A6835

■ 5A6835

■ 57682B

■ 5D683F

■ 546820

■ 60684A

■ 516816

■ 636854

■ 4F680B

■ 65685F

■ 4C6801

■ 686869

■ 4B6800

■ 6B6873

■ 6E687E

■ 716888

■ 746893

Harmonies

Analogous

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



736030



5A6835



3B6D47

Triad

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



5A6835



006C8C



904E65

Complementary

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



5A6835



433568

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.



80537D



5A6835



366694

Square

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



5A6835



006F79



625D8F



91504C

Rectangle

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



5A6835



206F57



625D8F



8C4F6E

Sweetspot

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



5A6835



828773



684335



414538



C4C4C4



454545

Same Dimension

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



5A6835



718737



416835



32332E



537300



B0F200

Inverse Universe

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



433568



4D3787



5C3568



2F2E33



1F0073



4200F2

Previews

White Background



This preview shows how the Hex color 5A6835 looks on a white background.

Color Contrast Check

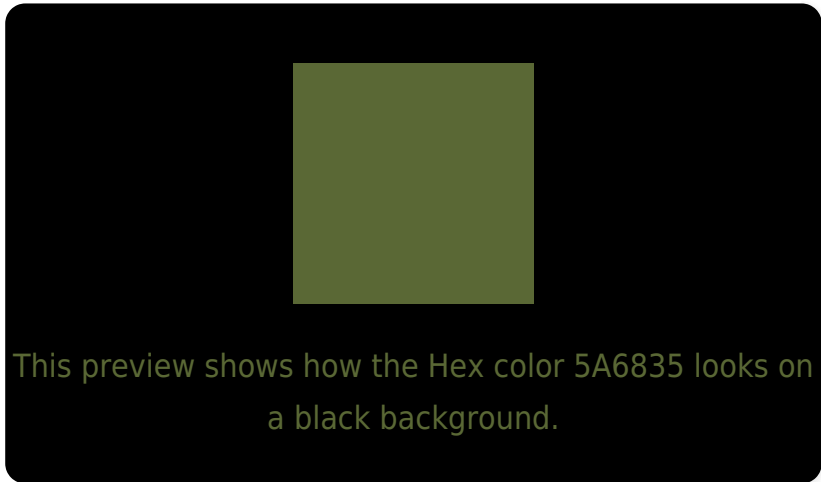
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

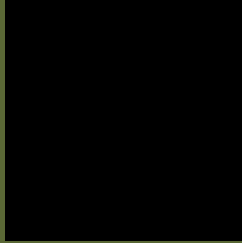
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5A6835 Background



This preview shows how black text looks on a background with the Hex color 5A6835.



This preview shows how white text looks on a background with the Hex color 5A6835.

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
5A6835

Protanopia
6C6233

Deuteranopia
785E38



Tritanopia
61626A

Trichromacy



Original Color
5A6835

Protanomaly
656434

Deuteranomaly
6D6237

Tritanomaly
5E6457

Monochromacy



Original Color
5A6835

Achromatopsia
5E5E5E

Achromatomaly
5D624F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6835 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 #5A6835 looks like.

```
.text, #text, p{  
    color:#5A6835  
}
```

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 #5A6835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6835
}
```

Border

The CSS property to change the border of an element to Hex 5A6835 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".

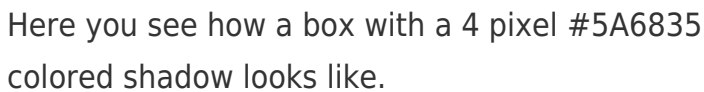
```
.border, #border, table{ border:4px solid
#5A6835 }
```

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

```
.border{ border-color:#5A6835 }
```

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

Here you see how a box with a 4 pixel #5A6835 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6835; -webkit-box-shadow:4px 4px  
4px 4px #5A6835; box-shadow:4px 4px 4px  
4px #5A6835 }
```

Background

The CSS property to change the background color of an element to Hex 5A6835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6835 }
```

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

```
.background{ background-color:#5A6835 }
```

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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