

Converting Colors

Hex(5A8635)

Have a look what the booklet for
Hex(5A8635) contains.

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Color

Hex(5A8635)

Conversions

Conversions Part 1

Format	Color
Hex	5A8635
RGB	90, 134, 53
RGB Percent	35%, 53%, 21%
CMY	0.6471, 0.4745, 0.7922
CMYK	0.33, 0.00, 0.60, 0.47
HSL	93°, 43%, 37%
HSV	93°, 60%, 53%
XYZ	13.3842, 19.4809, 6.4229
YIQ	111.6100, -0.2230, -34.5190

Conversions

Conversions Part 2

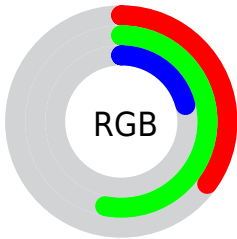
Format	Color
RYB	53, 134, 97
Decimal	5932597
CIELab	51.25, -29.72, 38.08
CIELCh	51, 48.310, 127.969
Yxy	19.4809, 0.3407, 0.4958
Android (android.graphics.Color)	4284122677 (0xFF5A8635)
YUV	111.6100, -28.8947, -18.9520
Hunter-Lab	44.1372, -23.1117, 22.2680

Details

The Hex color **5A8635** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **613586**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8FBC67**, and **275401** is the 20% darker color. If you saturate the color by 10%, you get **538628**, and if you desaturate by 10%, it is **618642**.

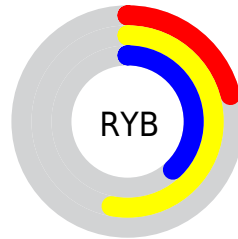
Distribution



Red (35%)

Green (53%)

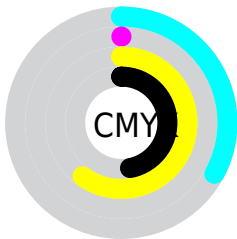
Blue (21%)



Red (21%)

Yellow (53%)

Blue (38%)

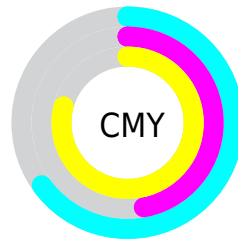


Cyan (33%)

Magenta (0%)

Yellow (60%)

Black (47%)



Cyan (65%)

Magenta (47%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8635 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 5A8635 by changing the saturation by 10% instead.



5A8635



5A8635

FFFFFF



406C1C



8FBC67



275401



AAD781



0E3C00



C6F49B



002700



E3FFB6



000900



FFFFD2



000000



FFFEEF



5A8635



5A8635



538628



618642

■ 4B861A

■ 698650

■ 44860D

■ 70865D

■ 3D8600

■ 77866B

■ 7E8678

■ 868685

■ 8D8693

■ 9486A0

■ 9C86AE

Harmonies

Analogous

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



867C21



5A8635



008C5A

Triad

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



5A8635



0087C6



C55471

Complementary

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



5A8635



613586

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.



B55A9A



5A8635



3C7BCC

Square

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



5A8635



008DAC



8B6BBB



C05D49

Rectangle

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



5A8635



008E76



8B6BBB



C3557F

Sweetspot

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



5A8635



9CAD8E



866035



4C5744



D6D6D6



575757

Same Dimension

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



5A8635



69AD2F



358638



3F423C



3B8200



010300

Inverse Universe

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



613586



742FAD



863583



3F3C42



470082



010003

Previews

White Background



This preview shows how the Hex color 5A8635 looks on a white background.

Color Contrast Check

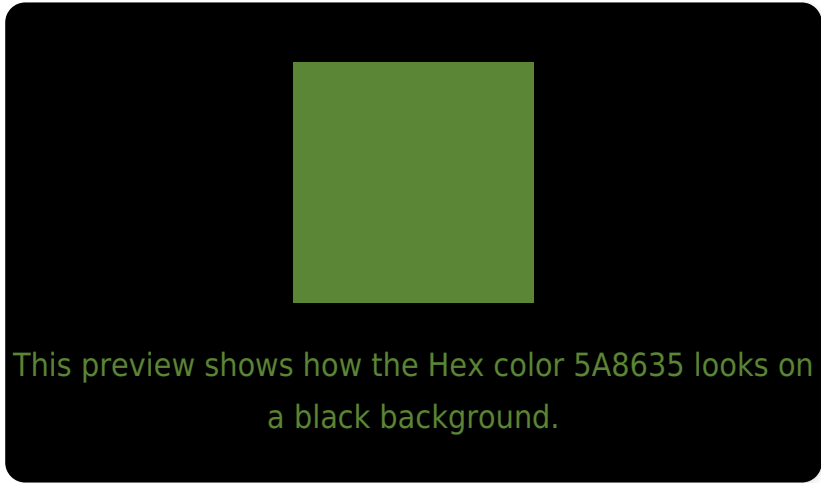
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A8635 Background



This preview shows how black text looks on a background with the Hex color 5A8635.



This preview shows how white text looks on a background with the Hex color 5A8635.

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
5A8635

Protanopia
877A31

Deuteranopia
96743A



Tritanopia
667E88

Trichromacy



Original Color
5A8635

Protanomaly
777E32

Deuteranomaly
807B38

Tritanomaly
62816A

Monochromacy



Original Color
5A8635

Achromatopsia
707070

Achromatomaly
68785B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8635 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 #5A8635 looks like.

```
.text, #text, p{  
    color:#5A8635  
}
```

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 #5A8635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8635
}
```

Border

The CSS property to change the border of an element to Hex 5A8635 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
#5A8635 }
```

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

```
.border{ border-color:#5A8635 }
```

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

Here you see how a box with a 4 pixel #5A8635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8635; -webkit-box-shadow:4px 4px  
4px 4px #5A8635; box-shadow:4px 4px 4px  
4px #5A8635 }
```

Background

The CSS property to change the background color of an element to Hex 5A8635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8635 }
```

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

```
.background{ background-color:#5A8635 }
```

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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