

Converting Colors

Hex(5B8A36)

Have a look what the booklet for
Hex(5B8A36) contains.

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Color

Hex(5B8A36)

Conversions

Conversions Part 1

Format	Color
Hex	5B8A36
RGB	91, 138, 54
RGB Percent	36%, 54%, 21%
CMY	0.6431, 0.4588, 0.7882
CMYK	0.34, 0.00, 0.61, 0.46
HSL	94°, 44%, 38%
HSV	94°, 61%, 54%
XYZ	14.0687, 20.6674, 6.7377
YIQ	114.3710, -1.0480, -36.0880

Conversions

Conversions Part 2

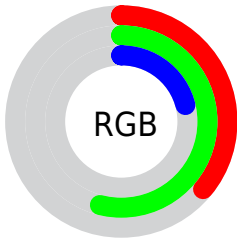
Format	Color
RYB	54, 138, 101
Decimal	5999158
CIELab	52.58, -31.13, 39.14
CIElCh	53, 50.010, 128.496
Yxy	20.6674, 0.3392, 0.4983
Android (android.graphics.Color)	4284189238 (0xFF5B8A36)
YUV	114.3710, -29.7629, -20.4964
Hunter-Lab	45.4615, -24.3181, 23.0358

Details

The Hex color **5B8A36** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **65368A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **90C068**, and **275801** is the 20% darker color. If you saturate the color by 10%, you get **538A28**, and if you desaturate by 10%, it is **638A44**.

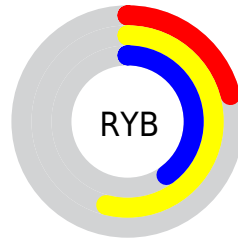
Distribution



Red (36%)

Green (54%)

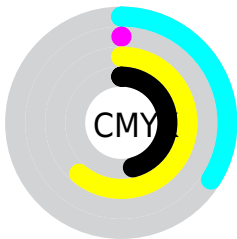
Blue (21%)



Red (21%)

Yellow (54%)

Blue (40%)

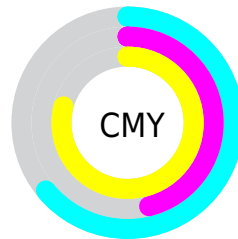


Cyan (34%)

Magenta (0%)

Yellow (61%)

Black (46%)



Cyan (64%)

Magenta (46%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8A36 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 5B8A36 by changing the saturation by 10% instead.

 5B8A36

 5B8A36

FFFFFF

 41701D

 90C068

 275801

 ABDC82

 0E4000

 C7F89D

 002900

 E4FFB8

 001000

 FFFFD4

 000000

 FFFFF1

 5B8A36

 5B8A36

 538A28

 638A44

 4C8A1A

 6A8A52

 448A0D

 728A5F

 3D8A00

 7A8A6D

 828A7B

 898A89

 918A97

 998AA4

 A08AB2

Harmonies

Analogous

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



897F20



5B8A36



00905C

Triad

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



5B8A36



008ACD



CC5673

Complementary

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



5B8A36



65368A

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.



BB5C9E



5B8A36



3E7ED3

Square

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



5B8A36



0091B2



906DC1



C65F4A

Rectangle

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



5B8A36



00927A



906DC1



C95681

Sweetspot

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



5B8A36



A1B392



8A6436



4E5946



D9D9D9



595959

Same Dimension

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



5B8A36



6AB330



368A3A



41453E



3A8500



020500

Inverse Universe

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



65368A



7930B3



8A3686



423E45



4A0085



030005

Previews

White Background



This preview shows how the Hex color 5B8A36 looks on a white background.

Color Contrast Check

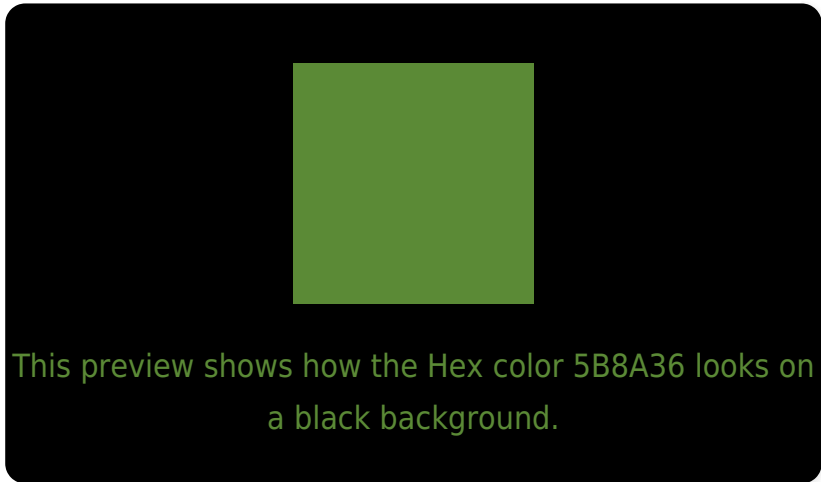
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B8A36 Background



This preview shows how black text looks on a background with the Hex color 5B8A36.



This preview shows how white text looks on a background with the Hex color 5B8A36.

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
5B8A36

Protanopia
8B7D32

Deuteranopia
9A773C



Tritanopia
68818C

Trichromacy



Original Color
5B8A36

Protanomaly
7A8233

Deuteranomaly
837E3A

Tritanomaly
63846D

Monochromacy



Original Color
5B8A36

Achromatopsia
727272

Achromatomaly
6A7B5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8A36 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 #5B8A36 looks like.

```
.text, #text, p{  
    color:#5B8A36  
}
```

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 #5B8A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8A36
}
```

Border

The CSS property to change the border of an element to Hex 5B8A36 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
#5B8A36 }
```

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

```
.border{ border-color:#5B8A36 }
```

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

Here you see how a box with a 4 pixel #5B8A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8A36; -webkit-box-shadow:4px 4px  
4px 4px #5B8A36; box-shadow:4px 4px 4px  
4px #5B8A36 }
```

Background

The CSS property to change the background color of an element to Hex 5B8A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8A36 }
```

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

```
.background{ background-color:#5B8A36 }
```

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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