

Converting Colors

Hex(51852A)

Have a look what the booklet for
Hex(51852A) contains.

Hex(51852A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(51852A)

Conversions

Conversions Part 1

Format	Color
Hex	51852A
RGB	81, 133, 42
RGB Percent	32%, 52%, 16%
CMY	0.6824, 0.4784, 0.8353
CMYK	0.39, 0.00, 0.68, 0.48
HSL	94°, 52%, 34%
HSV	94°, 68%, 52%
XYZ	12.1988, 18.6916, 5.1554
YIQ	107.0780, -1.7810, -39.3250

Conversions

Conversions Part 2

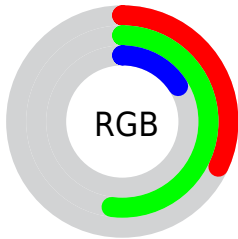
Format	Color
RYB	42, 133, 94
Decimal	5342506
CIELab	50.32, -33.67, 42.00
CIElCh	50, 53.829, 128.720
Yxy	18.6916, 0.3384, 0.5186
Android (android.graphics.Color)	4283532586 (0xFF51852A)
YUV	107.0780, -32.0835, -22.8704
Hunter-Lab	43.2337, -25.2937, 23.1936

Details

The Hex color **51852A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5E2A85**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **86BB5C**, and **1B5300** is the 20% darker color. If you saturate the color by 10%, you get **49851D**, and if you desaturate by 10%, it is **598537**.

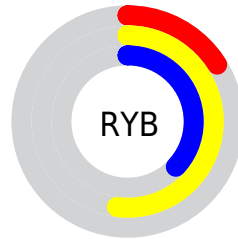
Distribution



Red (32%)

Green (52%)

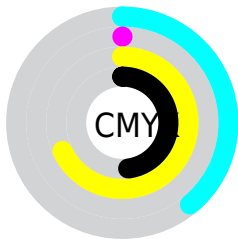
Blue (16%)



Red (16%)

Yellow (52%)

Blue (37%)

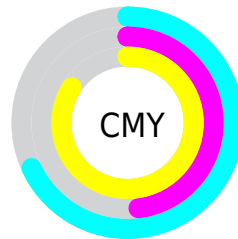


Cyan (39%)

Magenta (0%)

Yellow (68%)

Black (48%)



Cyan (68%)

Magenta (48%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51852A 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 51852A by changing the saturation by 10% instead.



51852A



51852A

FFFFFF



376B0F



86BB5C



1B5300



A1D676



003B00



BDF391



002600



DAFFAC



000200



F7FFC8



000000



FFFEE4



51852A



51852A



49851D



598537

■ 42850F

■ 608545

■ 3A8502

■ 688552

■ 398500

■ 6F855F

■ 77856D

■ 7F857A

■ 868587

■ 8E8594

■ 9585A2

Harmonies

Analogous

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



827A0C



51852A



008B55

Triad

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



51852A



0086CD



CA4B6C

Complementary

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



51852A



5E2A85

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.



B9529A



51852A



2779D3

Square

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



51852A



008CB0



8B66C0



C35641

Rectangle

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



51852A



008D74



8B66C0



C74B7C

Sweetspot

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



51852A



99AD89



855E2A



4A5741



D6D6D6



575757

Same Dimension

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



51852A



5CAD1F



2A8530



3F423C



388200



010300

Inverse Universe

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



5E2A85



701FAD



852A7F



3F3C42



4A0082



010003

Previews

White Background



This preview shows how the Hex color 51852A looks on a white background.

Color Contrast Check

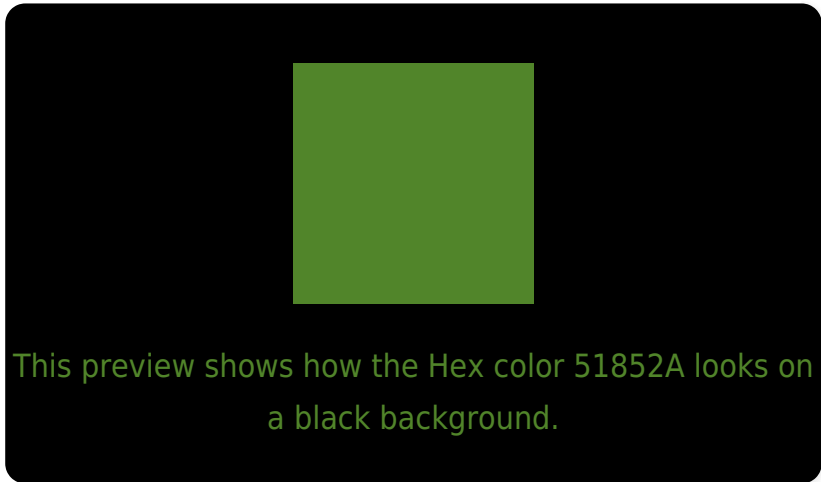
Large Text (above 18pt) WCAG AA ✓ Pass

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 51852A Background



This preview shows how black text looks on a background with the Hex color 51852A.



This preview shows how white text looks on a background with the Hex color 51852A.

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
51852A

Protanopia
867726

Deuteranopia
947131



Tritanopia
5F7C86

Trichromacy



Original Color
51852A

Protanomaly
737C27

Deuteranomaly
7C782E

Tritanomaly
5A7F65

Monochromacy



Original Color
51852A

Achromatopsia
6B6B6B

Achromatomaly
627453

CSS Examples

Text

The CSS property to change the color of the text to Hex 51852A 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 #51852A looks like.

```
.text, #text, p{  
    color:#51852A  
}
```

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 #51852A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51852A
}
```

Border

The CSS property to change the border of an element to Hex 51852A 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
#51852A }
```

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

```
.border{ border-color:#51852A }
```

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

Here you see how a box with a 4 pixel #51852A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51852A; -webkit-box-shadow:4px 4px  
4px 4px #51852A; box-shadow:4px 4px 4px  
4px #51852A }
```

Background

The CSS property to change the background color of an element to Hex 51852A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51852A }
```

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

```
.background{ background-color:#51852A }
```

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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