

Converting Colors

Hex(57842A)

Have a look what the booklet for
Hex(57842A) contains.

Hex(57842A)	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(57842A)

Conversions

Conversions Part 1

Format	Color
Hex	57842A
RGB	87, 132, 42
RGB Percent	34%, 52%, 16%
CMY	0.6588, 0.4824, 0.8353
CMYK	0.34, 0.00, 0.68, 0.48
HSL	90°, 52%, 34%
HSV	90°, 68%, 52%
XYZ	12.5997, 18.6959, 5.1351
YIQ	108.2850, 2.0700, -37.5300

Conversions

Conversions Part 2

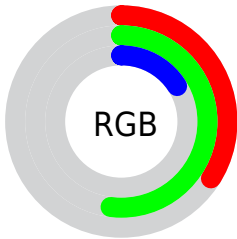
Format	Color
RYB	42, 132, 87
Decimal	5735466
CIELab	50.33, -30.96, 42.10
CIELCh	50, 52.260, 126.329
Yxy	18.6959, 0.3459, 0.5132
Android (android.graphics.Color)	4283925546 (0xFF57842A)
YUV	108.2850, -32.6785, -18.6669
Hunter-Lab	43.2388, -23.6535, 23.2258

Details

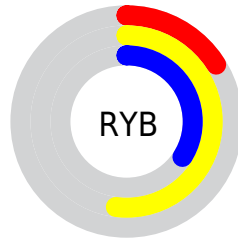
The Hex color **57842A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **572A84**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8CB95C**, and **235200** is the 20% darker color. If you saturate the color by 10%, you get **50841D**, and if you desaturate by 10%, it is **5E8437**.

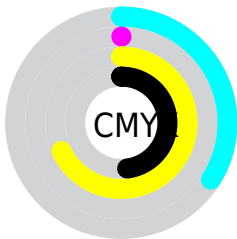
Distribution



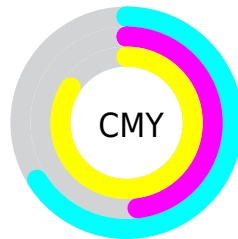
- Red (34%)
- Green (52%)
- Blue (16%)



- Red (16%)
- Yellow (52%)
- Blue (34%)



- Cyan (34%)
- Magenta (0%)
- Yellow (68%)
- Black (48%)



- Cyan (66%)
- Magenta (48%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57842A 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 57842A by changing the saturation by 10% instead.



57842A



57842A

FFFFFF



3D6B0F



8CB95C



235200



A7D576



053A00



C3F291



002500



E0FFAC



000200



FDFFC7



000000



FFFEE4



57842A



57842A



50841D



5E8437

■ 4A8410

■ 648444

■ 438402

■ 6B8452

■ 428400

■ 71845F

■ 78846C

■ 7F8479

■ 858486

■ 8C8494

■ 9284A1

Harmonies

Analogous

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



867912



57842A



008A52

Triad

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



57842A



0086C9



C84D70

Complementary

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



57842A



572A84

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.



B5559C



57842A



1C7AD0

Square

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



57842A



008CAB



8668C0



C35645

Rectangle

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



57842A



008D71



8668C0



C44E7F

Sweetspot

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



57842A



9AAB89



84572A



4C5742



D6D6D6



575757

Same Dimension

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



57842A



65AB1F



2A842A



3F423C



418200



010300

Inverse Universe

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



572A84



651FAB



842A84



3F3C42



410082



010003

Previews

White Background



This preview shows how the Hex color 57842A looks on a white background.

Color Contrast Check

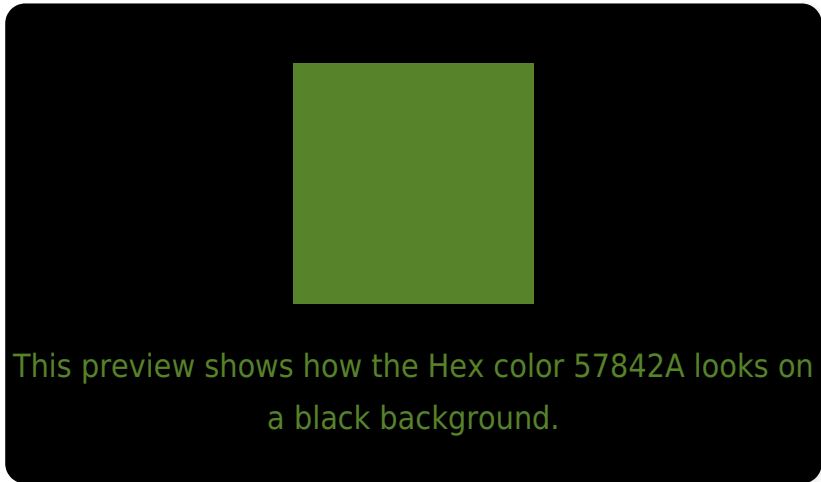
Large Text (above 18pt) WCAG AA ✓ Pass

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 57842A Background



This preview shows how black text looks on a background with the Hex color 57842A.



This preview shows how white text looks on a background with the Hex color 57842A.

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
57842A

Protanopia
867827

Deuteranopia
947130



Tritanopia
647B85

Trichromacy



Original Color
57842A

Protanomaly
757C28

Deuteranomaly
7E782E

Tritanomaly
5F7E64

Monochromacy



Original Color
57842A

Achromatopsia
6C6C6C

Achromatomaly
647554

CSS Examples

Text

The CSS property to change the color of the text to Hex 57842A 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 #57842A looks like.

```
.text, #text, p{  
    color:#57842A  
}
```

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 #57842A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57842A
}
```

Border

The CSS property to change the border of an element to Hex 57842A 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
#57842A }
```

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

```
.border{ border-color:#57842A }
```

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

Here you see how a box with a 4 pixel #57842A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57842A; -webkit-box-shadow:4px 4px  
4px 4px #57842A; box-shadow:4px 4px 4px  
4px #57842A }
```

Background

The CSS property to change the background color of an element to Hex 57842A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57842A }
```

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

```
.background{ background-color:#57842A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor