

Converting Colors

Hex(59813A)

Have a look what the booklet for
Hex(59813A) contains.

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Color

Hex(59813A)

Conversions

Conversions Part 1

Format	Color
Hex	59813A
RGB	89, 129, 58
RGB Percent	35%, 51%, 23%
CMY	0.6510, 0.4941, 0.7725
CMYK	0.31, 0.00, 0.55, 0.49
HSL	94°, 38%, 37%
HSV	94°, 55%, 51%
XYZ	12.7338, 18.1298, 6.8313
YIQ	108.9460, -1.0490, -30.5610

Conversions

Conversions Part 2

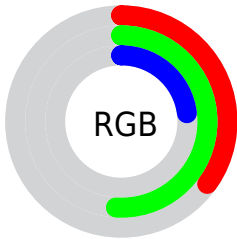
Format	Color
RYB	58, 129, 98
Decimal	5865786
CIELab	49.65, -27.14, 33.72
CIElCh	50, 43.290, 128.829
Yxy	18.1298, 0.3378, 0.4810
Android (android.graphics.Color)	4284055866 (0xFF59813A)
YUV	108.9460, -25.1164, -17.4926
Hunter-Lab	42.5792, -21.1310, 20.2931

Details

The Hex color **59813A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **623A81**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8DB66B**, and **274F09** is the 20% darker color. If you saturate the color by 10%, you get **52812D**, and if you desaturate by 10%, it is **608147**.

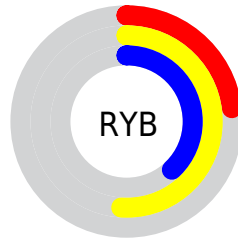
Distribution



Red (35%)

Green (51%)

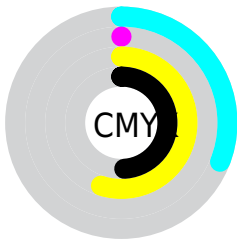
Blue (23%)



Red (23%)

Yellow (51%)

Blue (38%)

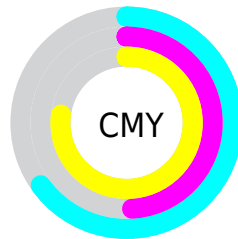


Cyan (31%)

Magenta (0%)

Yellow (55%)

Black (49%)



Cyan (65%)

Magenta (49%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59813A 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 59813A by changing the saturation by 10% instead.



59813A



59813A

FFFFFF



406822



8DB66B



274F09



A8D285



103800



C4EEA0



002300



E0FFBB



000000



FDFFD7



FFFFF4



59813A



59813A



52812D



608147

■ 4A8120

■ 688154

■ 438113

■ 6F8161

■ 3C8106

■ 76816E

■ 388100

■ 7D817A

■ 858187

■ 8C8194

■ 9381A1

■ 9A81AE

Harmonies

Analogous

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



807829



59813A



1A865A

Triad

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



59813A



0081BA



BA566D

Complementary

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



59813A



623A81

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.



AB5A91



59813A



4776BF

Square

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



59813A



0087A3



8768B0



B55D4A

Rectangle

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



59813A



008873



8768B0



B75679

Sweetspot

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



59813A



98A88C



81613A



4B5443



D4D4D4



545454

Same Dimension

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



59813A



6AA839



3A813E



3C4039



388000



000000

Inverse Universe

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



623A81



7839A8



813A7D



3D3940



480080



000000

Previews

White Background



This preview shows how the Hex color 59813A looks on a white background.

Color Contrast Check

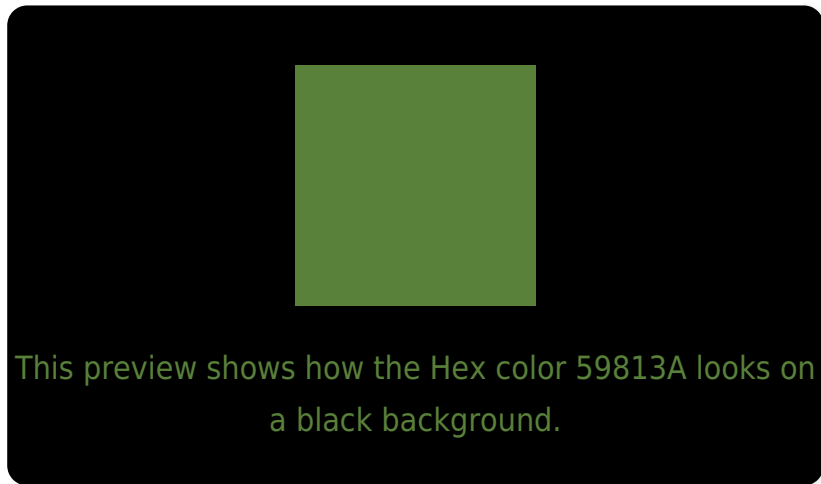
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 59813A Background



This preview shows how black text looks on a background with the Hex color 59813A.



This preview shows how white text looks on a background with the Hex color 59813A.

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
59813A

Protanopia
827636

Deuteranopia
90703F



Tritanopia
647983

Trichromacy



Original Color
59813A

Protanomaly
737A37

Deuteranomaly
7C763D

Tritanomaly
607C68

Monochromacy



Original Color
59813A

Achromatopsia
6D6D6D

Achromatomaly
66745A

CSS Examples

Text

The CSS property to change the color of the text to Hex 59813A 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 #59813A looks like.

```
.text, #text, p{  
    color:#59813A  
}
```

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 #59813A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59813A
}
```

Border

The CSS property to change the border of an element to Hex 59813A 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
#59813A }
```

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

```
.border{ border-color:#59813A }
```

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

Here you see how a box with a 4 pixel #59813A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59813A; -webkit-box-shadow:4px 4px  
4px 4px #59813A; box-shadow:4px 4px 4px  
4px #59813A }
```

Background

The CSS property to change the background color of an element to Hex 59813A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59813A }
```

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

```
.background{ background-color:#59813A }
```

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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