

Converting Colors

Hex(53813A)

Have a look what the booklet for
Hex(53813A) contains.

Hex(53813A)	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(53813A)

Conversions

Conversions Part 1

Format	Color
Hex	53813A
RGB	83, 129, 58
RGB Percent	33%, 51%, 23%
CMY	0.6745, 0.4941, 0.7725
CMYK	0.36, 0.00, 0.55, 0.49
HSL	99°, 38%, 37%
HSV	99°, 55%, 51%
XYZ	12.1813, 17.8450, 6.8054
YIQ	107.1520, -4.6250, -31.8330

Conversions

Conversions Part 2

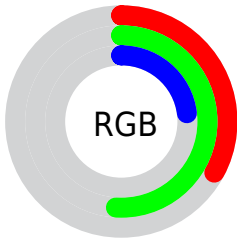
Format	Color
RYB	58, 129, 104
Decimal	5472570
CIELab	49.31, -29.41, 33.23
CIElCh	49, 44.373, 131.510
Yxy	17.8450, 0.3307, 0.4845
Android (android.graphics.Color)	4283662650 (0xFF53813A)
YUV	107.1520, -24.2319, -21.1813
Hunter-Lab	42.2433, -22.4537, 20.0187

Details

The Hex color **53813A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683A81**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **87B66B**, and **204F09** is the 20% darker color. If you saturate the color by 10%, you get **4B812D**, and if you desaturate by 10%, it is **5B8147**.

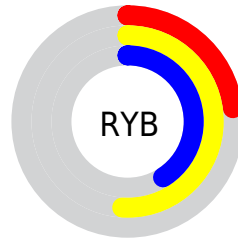
Distribution



Red (33%)

Green (51%)

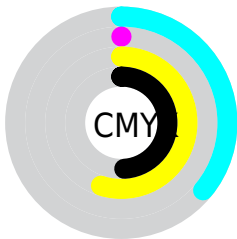
Blue (23%)



Red (23%)

Yellow (51%)

Blue (41%)

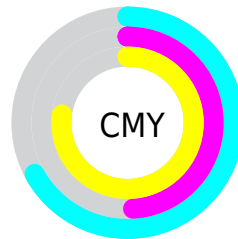


Cyan (36%)

Magenta (0%)

Yellow (55%)

Black (49%)



Cyan (67%)

Magenta (49%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53813A 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 53813A by changing the saturation by 10% instead.



53813A



53813A

FFFFFF



3A6822



87B66B



204F09



A2D285



073800



BEEEA0



002300



DAFFBB



000000



F7FFD7



FFFFFF3



53813A



53813A



4B812D



5B8147

■ 428120

■ 648154

■ 3A8113

■ 6C8161

■ 328106

■ 74816E

■ 2D8100

■ 7D817A

■ 858187

■ 8E8194

■ 9681A1

■ 9E81AE

Harmonies

Analogous

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



7C7826



53813A



00865C

Triad

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



53813A



0080BC



BB5468

Complementary

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



53813A



683A81

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.



AE588E



53813A



4B74BF

Square

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



53813A



0086A6



8A65AE



B45D45

Rectangle

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



53813A



008876



8A65AE



B95475

Sweetspot

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



53813A



96A88C



81673A



495443



D4D4D4



545454

Same Dimension

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



53813A



60A839



3A8143



3C4039



2D8000



000000

Inverse Universe

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



683A81



8139A8



813A78



3E3940



530080



000000

Previews

White Background



This preview shows how the Hex color 53813A looks on a white background.

Color Contrast Check

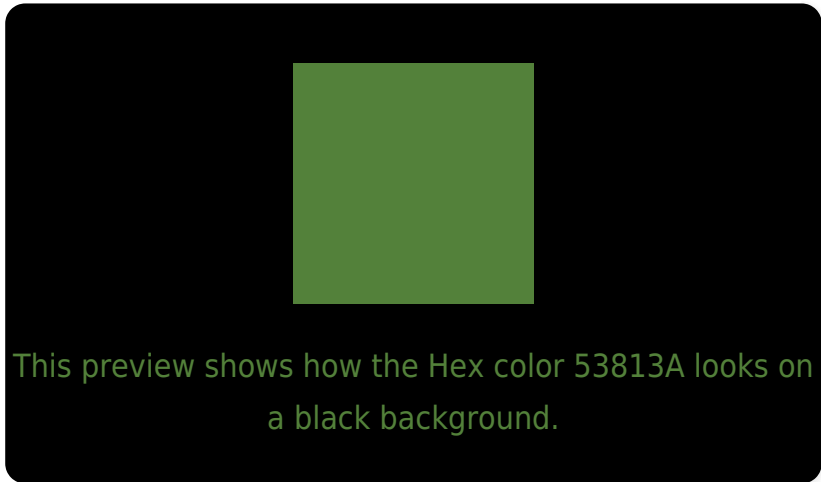
Large Text (above 18pt) WCAG AA ✓ Pass

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

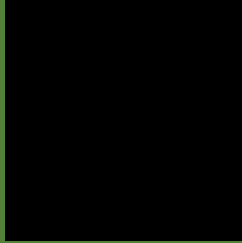
Any Text WCAG AA ✓ Pass

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 53813A Background



This preview shows how black text looks on a background with the Hex color 53813A.



This preview shows how white text looks on a background with the Hex color 53813A.

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
53813A

Protanopia
817536

Deuteranopia
8F6F3F



Tritanopia
5F7983

Trichromacy



Original Color
53813A

Protanomaly
707937

Deuteranomaly
79763D

Tritanomaly
5B7C68

Monochromacy



Original Color
53813A

Achromatopsia
6B6B6B

Achromatomaly
627359

CSS Examples

Text

The CSS property to change the color of the text to Hex 53813A 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 #53813A looks like.

```
.text, #text, p{  
    color:#53813A  
}
```

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 #53813A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53813A
}
```

Border

The CSS property to change the border of an element to Hex 53813A 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".

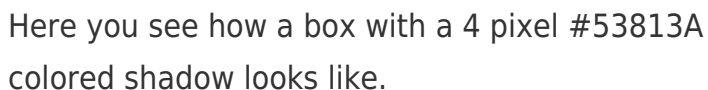
```
.border, #border, table{ border:4px solid
#53813A }
```

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

```
.border{ border-color:#53813A }
```

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

Here you see how a box with a 4 pixel #53813A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53813A; -webkit-box-shadow:4px 4px  
4px 4px #53813A; box-shadow:4px 4px 4px  
4px #53813A }
```

Background

The CSS property to change the background color of an element to Hex 53813A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53813A }
```

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

```
.background{ background-color:#53813A }
```

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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