

Converting Colors

Hex(53913A)

Have a look what the booklet for
Hex(53913A) contains.

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Color

Hex(53913A)

Conversions

Conversions Part 1

Format	Color
Hex	53913A
RGB	83, 145, 58
RGB Percent	33%, 57%, 23%
CMY	0.6745, 0.4314, 0.7725
CMYK	0.43, 0.00, 0.60, 0.43
HSL	103°, 43%, 40%
HSV	103°, 60%, 57%
XYZ	14.4564, 22.3953, 7.5638
YIQ	116.5440, -9.0250, -40.2010

Conversions

Conversions Part 2

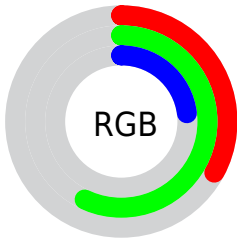
Format	Color
RYB	58, 145, 120
Decimal	5476666
CIELab	54.44, -36.74, 39.24
CIELCh	54, 53.755, 133.116
Yxy	22.3953, 0.3255, 0.5042
Android (android.graphics.Color)	4283666746 (0xFF53913A)
YUV	116.5440, -28.8622, -29.4181
Hunter-Lab	47.3237, -28.2883, 23.6502

Details

The Hex color **53913A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **783A91**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **89C76C**, and **1C5E05** is the 20% darker color. If you saturate the color by 10%, you get **49912C**, and if you desaturate by 10%, it is **5D9148**.

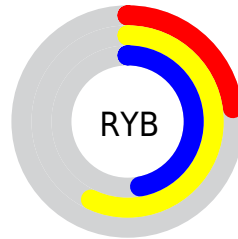
Distribution



Red (33%)

Green (57%)

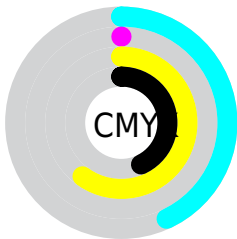
Blue (23%)



Red (23%)

Yellow (57%)

Blue (47%)

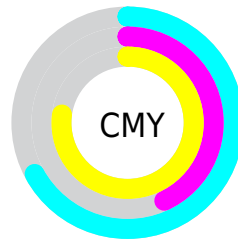


Cyan (43%)

Magenta (0%)

Yellow (60%)

Black (43%)



Cyan (67%)

Magenta (43%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53913A 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 53913A by changing the saturation by 10% instead.

 53913A

 53913A

FFFFFF

 387721

 89C76C

 1C5E05

 A4E486

 004600

 C0FFA1

 002F00

 DDFFB D

 001800

 FAFFD9

 000000

 FFFFF6

 53913A

 53913A

 49912C

 5D9148

■ 3E911D

■ 689157

■ 34910E

■ 729166

■ 2A9100

■ 7C9174

■ 879183

■ 919191

■ 9B919F

■ A691AE

■ B091BC

Harmonies

Analogous

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



87861D



53913A



009766

Triad

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



53913A



008FDB



D75770

Complementary

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



53913A



783A91

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.



C95B9E



53913A



4E80DD

Square

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



53913A



0096C1



9F6DC7



CD6445

Rectangle

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



53913A



009886



9F6DC7



D5567F

Sweetspot

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



53913A



A4BD9B



91773A



505E4A



DEDEDE



5E5E5E

Same Dimension

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



53913A



5CBD35



3A914B



424740



278700



020800

Inverse Universe

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



783A91



9635BD



913A80



454047



600087



050008

Previews

White Background



This preview shows how the Hex color 53913A looks on a white background.

Color Contrast Check

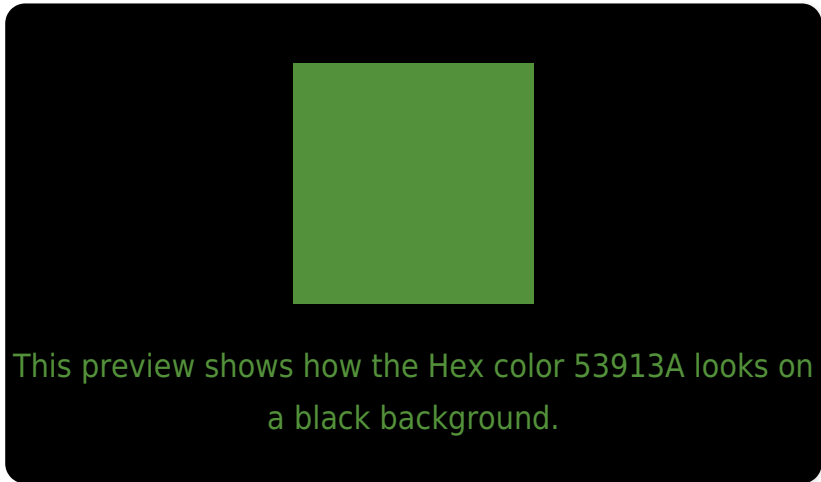
Large Text (above 18pt) WCAG AA ✓ Pass

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 53913A Background



This preview shows how black text looks on a background with the Hex color 53913A.



This preview shows how white text looks on a background with the Hex color 53913A.

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





Tritanopia
628893

Trichromacy



Original Color
53913A

Protanomaly
7A8737

Deuteranomaly
84833E

Tritanomaly
5D8B73

Monochromacy



Original Color
53913A

Achromatopsia
757575

Achromatomaly
697F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 53913A 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 #53913A looks like.

```
.text, #text, p{  
    color:#53913A  
}
```

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 #53913A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53913A
}
```

Border

The CSS property to change the border of an element to Hex 53913A 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
#53913A }
```

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

```
.border{ border-color:#53913A }
```

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

Here you see how a box with a 4 pixel #53913A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53913A; -webkit-box-shadow:4px 4px  
4px 4px #53913A; box-shadow:4px 4px 4px  
4px #53913A }
```

Background

The CSS property to change the background color of an element to Hex 53913A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53913A }
```

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

```
.background{ background-color:#53913A }
```

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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