

Converting Colors

Hex(53A73C)

Have a look what the booklet for
Hex(53A73C) contains.

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Color

Hex(53A73C)

Conversions

Conversions Part 1

Format	Color
Hex	53A73C
RGB	83, 167, 60
RGB Percent	33%, 65%, 24%
CMY	0.6745, 0.3451, 0.7647
CMYK	0.50, 0.00, 0.64, 0.35
HSL	107°, 47%, 45%
HSV	107°, 64%, 65%
XYZ	18.2016, 29.8027, 9.0681
YIQ	129.6860, -15.7170, -51.0850

Conversions

Conversions Part 2

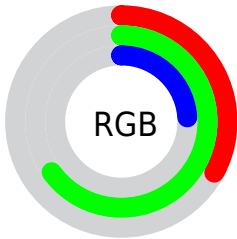
Format	Color
RYB	60, 167, 144
Decimal	5482300
CIELab	61.48, -45.78, 46.25
CIELCh	61, 65.078, 134.707
Yxy	29.8027, 0.3189, 0.5222
Android (android.graphics.Color)	4283672380 (0xFF53A73C)
YUV	129.6860, -34.3552, -40.9436
Hunter-Lab	54.5918, -36.0215, 28.3657

Details

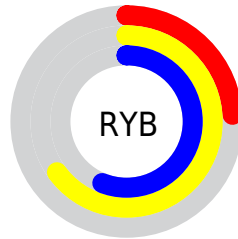
The Hex color **53A73C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **903CA7**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8BDF70**, and **127200** is the 20% darker color. If you saturate the color by 10%, you get **46A72B**, and if you desaturate by 10%, it is **60A74D**.

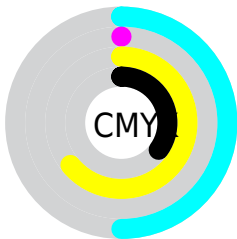
Distribution



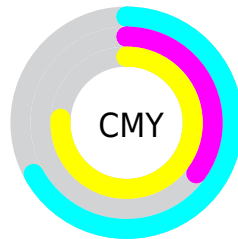
- Red (33%)
- Green (65%)
- Blue (24%)



- Red (24%)
- Yellow (65%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (64%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A73C 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 53A73C by changing the saturation by 10% instead.



53A73C



53A73C

FFFFFF



368C22



8BDF70



127200



A7FC8A



005900



C4FFA6



004000



E1FFC1



002B00



FFFFDE



000A00



FFFFFB



000000



53A73C



53A73C



46A72B



60A74D

■ 39A71B

■ 6DA75D

■ 2CA70A

■ 7AA76E

■ 24A700

■ 87A77F

■ 95A78F

■ A2A7A0

■ AFA7B1

■ BCA7C2

■ C9A7D2

Harmonies

Analogous

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



969A0B



53A73C



00AE74

Triad

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



53A73C



00A3FF



FC5C7B

Complementary

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



53A73C



903CA7

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.



ED61B4



53A73C



5491FF

Square

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



53A73C



00ADE4



BB78E7



ED6F45

Rectangle

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



53A73C



00AF9C



BB78E7



FB5B8E

Sweetspot

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



53A73C



B8D9B0



A7903C



5A6E54



EDEDED



6E6E6E

Same Dimension

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



53A73C



56D932



3CA75A



4E544C



209400



041400

Inverse Universe

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



903CA7



B532D9



A73C89



524C54



740094



100014

Previews

White Background



This preview shows how the Hex color 53A73C looks on a white background.

Color Contrast Check

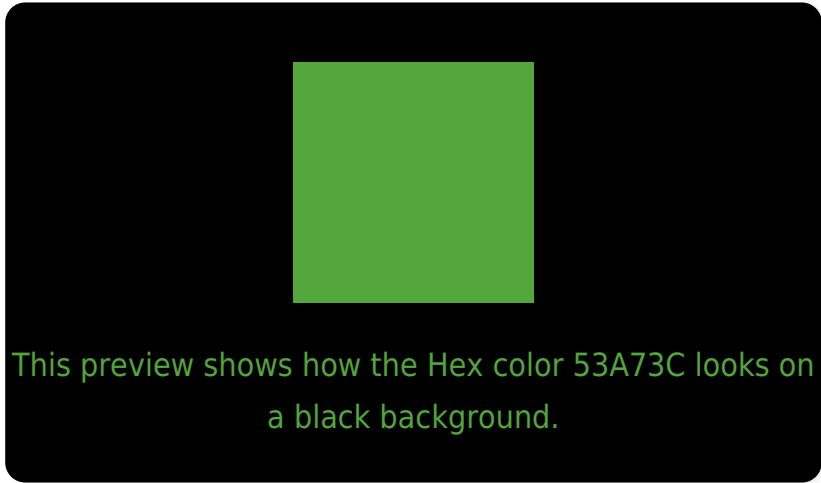
Large Text (above 18pt) WCAG AA ✓ Pass

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 53A73C Background



This preview shows how black text looks on a background with the Hex color 53A73C.



This preview shows how white text looks on a background with the Hex color 53A73C.

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
53A73C

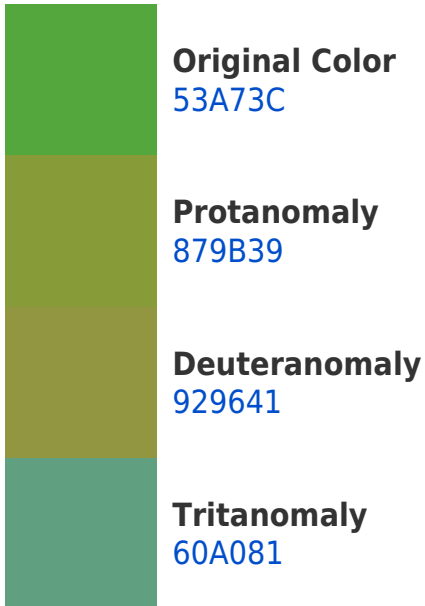
Protanopia
A59437

Deuteranopia
B68C44



Tritanopia
689CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53A73C 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 #53A73C looks like.

```
.text, #text, p{  
    color:#53A73C  
}
```

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 #53A73C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A73C
}
```

Border

The CSS property to change the border of an element to Hex 53A73C 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
#53A73C }
```

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

```
.border{ border-color:#53A73C }
```

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

Here you see how a box with a 4 pixel #53A73C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A73C; -webkit-box-shadow:4px 4px  
4px 4px #53A73C; box-shadow:4px 4px 4px  
4px #53A73C }
```

Background

The CSS property to change the background color of an element to Hex 53A73C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A73C }
```

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

```
.background{ background-color:#53A73C }
```

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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