

Converting Colors

Hex(53AA11)

Have a look what the booklet for
Hex(53AA11) contains.

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Color

Hex(53AA11)

Conversions

Conversions Part 1

Format	Color
Hex	53AA11
RGB	83, 170, 17
RGB Percent	33%, 67%, 7%
CMY	0.6745, 0.3333, 0.9333
CMYK	0.51, 0.00, 0.90, 0.33
HSL	94°, 82%, 37%
HSV	94°, 90%, 67%
XYZ	18.0432, 30.6289, 5.4913
YIQ	126.5450, -2.7390, -66.0270

Conversions

Conversions Part 2

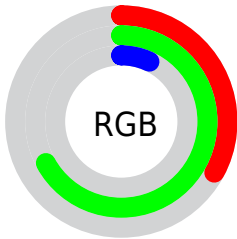
Format	Color
RYB	17, 170, 104
Decimal	5483025
CIELab	62.19, -49.68, 60.92
CIELCh	62, 78.610, 129.195
Yxy	30.6289, 0.3331, 0.5655
Android (android.graphics.Color)	4283673105 (0xFF53AA11)
YUV	126.5450, -54.0057, -38.1890
Hunter-Lab	55.3434, -38.6560, 32.8575

Details

The Hex color **53AA11** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6811AA**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8DE251**, and **087500** is the 20% darker color. If you saturate the color by 10%, you get **49AA00**, and if you desaturate by 10%, it is **5DAA22**.

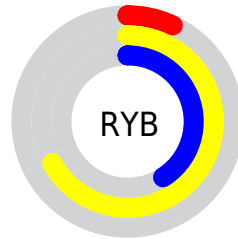
Distribution



Red (33%)

Green (67%)

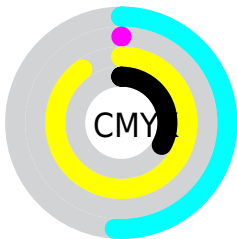
Blue (7%)



Red (7%)

Yellow (67%)

Blue (41%)

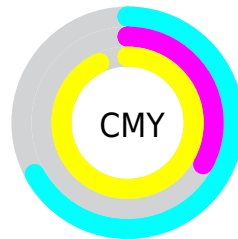


Cyan (51%)

Magenta (0%)

Yellow (90%)

Black (33%)



Cyan (67%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AA11 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 53AA11 by changing the saturation by 10% instead.



53AA11



53AA11

FFFFFF



348F00



8DE251



087500



A AFF6C



005B00



C7FF88



004300



E5FFA4



002D00



FFFFC0



000E00



FFFFDD



000000



FFFFFA



53AA11



53AA11

■ 49AA00

■ 5DAA22

■ 66AA33

■ 70AA44

■ 7AAA55

■ 83AA66

■ 8DAA77

■ 97AA88

■ A0AA99

■ AAAAAA

Harmonies

Analogous

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



A19A00



53AA11



00B262

Triad

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



53AA11



00ABFF



FF4584

Complementary

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



53AA11



6811AA

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.



F854C9



53AA11



0098FF

Square

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



53AA11



00B4ED



B279FF



FF5F41

Rectangle

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



53AA11



00B592



B279FF



FF459B

Sweetspot

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



53AA11



BCDEA2



AA6811



5C704C



F0F0F0



707070

Same Dimension

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



53AA11



60DE00



11AA1B



4F544C



409400



091400

Inverse Universe

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



6811AA



7E00DE



AA11A0



514C54



540094



0C0014

Previews

White Background



This preview shows how the Hex color 53AA11 looks on a white background.

Color Contrast Check

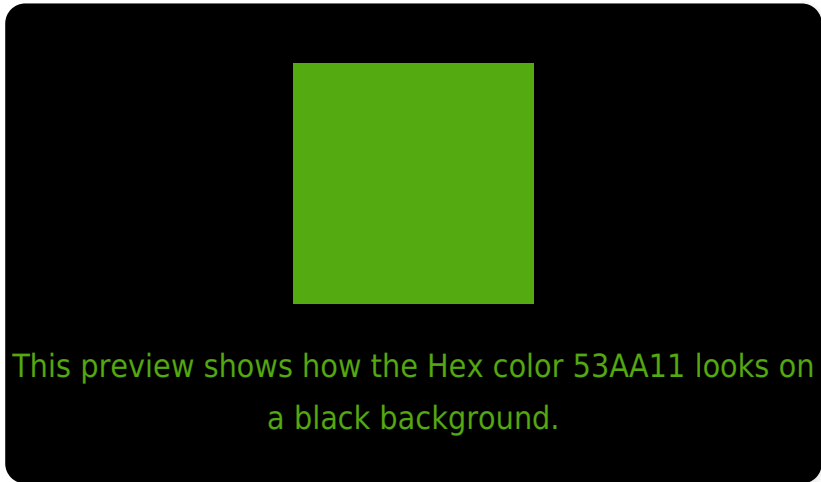
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 53AA11 Background



This preview shows how black text looks on a background with the Hex color 53AA11.

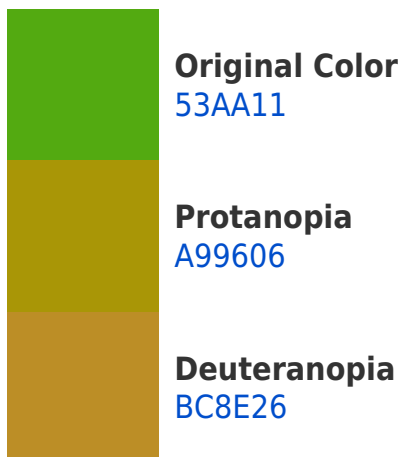


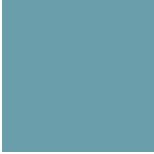
This preview shows how white text looks on a background with the Hex color 53AA11.

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
6A9EAB

Trichromacy



Original Color
53AA11



Protanomaly
8A9D0A



Deuteranomaly
96981E



Tritanomaly
62A273

Monochromacy



Original Color
53AA11



Achromatopsia
7F7F7F



Achromatomaly
6F8F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 53AA11 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 #53AA11 looks like.

```
.text, #text, p{  
    color:#53AA11  
}
```

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 #53AA11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AA11  
}
```

Border

The CSS property to change the border of an element to Hex 53AA11 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  
#53AA11 }
```

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

```
.border{ border-color:#53AA11 }
```

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

Here you see how a box with a 4 pixel #53AA11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AA11; -webkit-box-shadow:4px 4px  
4px 4px #53AA11; box-shadow:4px 4px 4px  
4px #53AA11 }
```

Background

The CSS property to change the background color of an element to Hex 53AA11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AA11 }
```

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

```
.background{ background-color:#53AA11 }
```

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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