

Converting Colors

Hex(51AC10)

Have a look what the booklet for
Hex(51AC10) contains.

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Color

Hex(51AC10)

Conversions

Conversions Part 1

Format	Color
Hex	51AC10
RGB	81, 172, 16
RGB Percent	32%, 67%, 6%
CMY	0.6824, 0.3255, 0.9373
CMYK	0.53, 0.00, 0.91, 0.33
HSL	95°, 83%, 37%
HSV	95°, 91%, 67%
XYZ	18.2394, 31.2918, 5.5688
YIQ	127.0070, -4.1600, -67.8080

Conversions

Conversions Part 2

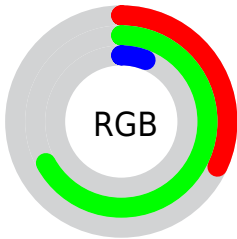
Format	Color
RYB	16, 172, 107
Decimal	5352464
CIELab	62.75, -51.05, 61.54
CIElCh	63, 79.963, 129.678
Yxy	31.2918, 0.3310, 0.5679
Android (android.graphics.Color)	4283542544 (0xFF51AC10)
YUV	127.0070, -54.7265, -40.3481
Hunter-Lab	55.9391, -39.6920, 33.2549

Details

The Hex color **51AC10** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6B10AC**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8BE451**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **48AC00**, and if you desaturate by 10%, it is **5BAC21**.

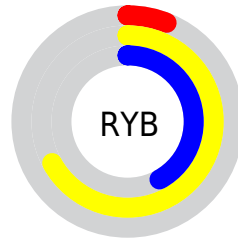
Distribution



Red (32%)

Green (67%)

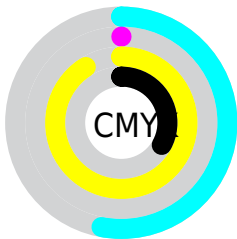
Blue (6%)



Red (6%)

Yellow (67%)

Blue (42%)

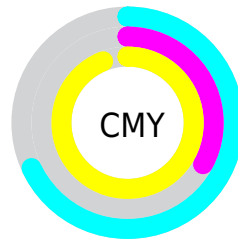


Cyan (53%)

Magenta (0%)

Yellow (91%)

Black (33%)



Cyan (68%)

Magenta (33%)

Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Hex color 51AC10 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 51AC10 by changing the saturation by 10% instead.

 51AC10

 51AC10

FFFFFF

 319100

 8BE451

 007700

 A8FF6C

 005D00

 C6FF88

 004400

 E3FFA4

 002E00

 FFFFC0

 001100

 FFFFDD

 000000

 FFFFFA

 51AC10

 51AC10

■ 48AC00

■ 5BAC21

■ 65AC32

■ 6FAC44

■ 79AC55

■ 83AC66

■ 8DAC77

■ 97AC88

■ A1AC9A

■ ABACAB

Harmonies

Analogous

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



A29C00



51AC10



00B463

Triad

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



51AC10



00ADFF



FF4484

Complementary

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



51AC10



6B10AC

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.



FC53CB



51AC10



0099FF

Square

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



51AC10



00B6F1



B679FF



FF5F40

Rectangle

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



51AC10



00B795



B679FF



FF449C

Sweetspot

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



51AC10



BDE0A4



AC6B10



5B704C



F0F0F0



707070

Same Dimension

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



51AC10



5DE000



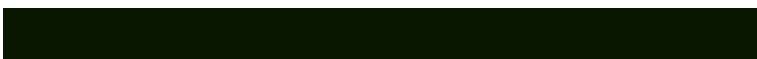
10AC1D



52574E



3F9600



0A1700

Inverse Universe

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



6B10AC



8300E0



AC109F



534E57



580096



0D0017

Previews

White Background



This preview shows how the Hex color 51AC10 looks on a white background.

Color Contrast Check

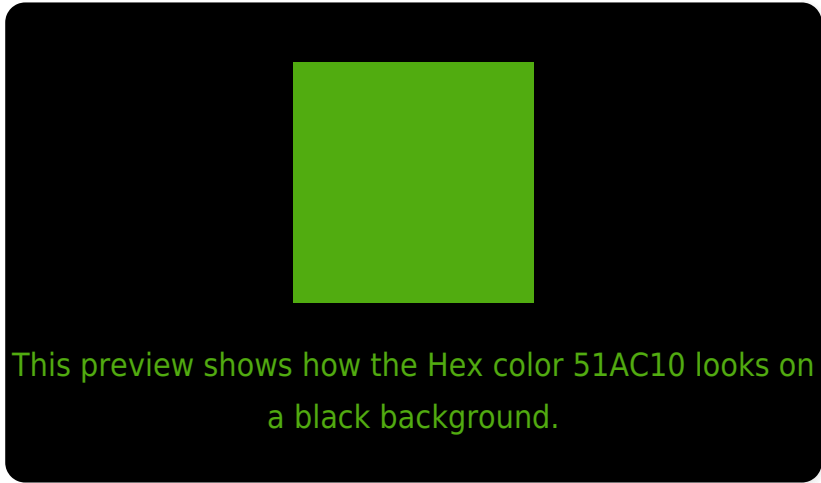
Large Text (above 18pt) WCAG AA × Fail

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 51AC10 Background



This preview shows how black text looks on a background with the Hex color 51AC10.

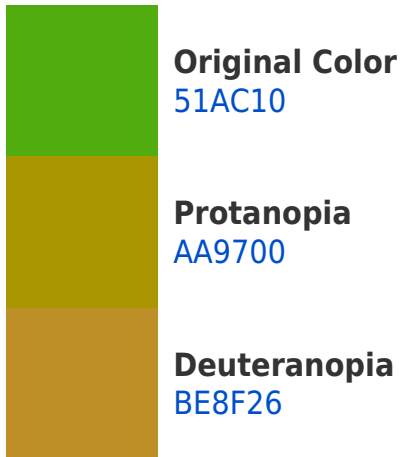


This preview shows how white text looks on a background with the Hex color 51AC10.

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
69A0AD

Trichromacy



Original Color
51AC10



Protanomaly
8A9F06



Deuteranomaly
969A1E



Tritanomaly
60A474

Monochromacy



Original Color
51AC10



Achromatopsia
7F7F7F



Achromatomaly
6E8F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 51AC10 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 #51AC10 looks like.

```
.text, #text, p{  
    color:#51AC10  
}
```

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 #51AC10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51AC10
}
```

Border

The CSS property to change the border of an element to Hex 51AC10 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
#51AC10 }
```

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

```
.border{ border-color:#51AC10 }
```

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

Here you see how a box with a 4 pixel #51AC10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51AC10; -webkit-box-shadow:4px 4px  
4px 4px #51AC10; box-shadow:4px 4px 4px  
4px #51AC10 }
```

Background

The CSS property to change the background color of an element to Hex 51AC10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51AC10 }
```

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

```
.background{ background-color:#51AC10 }
```

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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