

Converting Colors

Hex(50AB31)

Have a look what the booklet for
Hex(50AB31) contains.

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Color

Hex(50AB31)

Conversions

Conversions Part 1

Format	Color
Hex	50AB31
RGB	80, 171, 49
RGB Percent	31%, 67%, 19%
CMY	0.6863, 0.3294, 0.8078
CMYK	0.53, 0.00, 0.71, 0.33
HSL	105°, 55%, 43%
HSV	105°, 71%, 67%
XYZ	18.4256, 31.0530, 7.9284
YIQ	129.8830, -15.0740, -57.2340

Conversions

Conversions Part 2

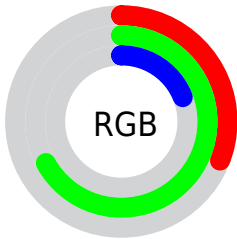
Format	Color
RYB	49, 171, 140
Decimal	5286705
CIELab	62.55, -49.21, 51.92
CIELCh	63, 71.535, 133.466
Yxy	31.0530, 0.3210, 0.5409
Android (android.graphics.Color)	4283476785 (0xFF50AB31)
YUV	129.8830, -39.8753, -43.7474
Hunter-Lab	55.7253, -38.4982, 30.5721

Details


The Hex color **50AB31** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8C31AB**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **89E366**, and **037600** is the 20% darker color. If you saturate the color by 10%, you get **43AB20**, and if you desaturate by 10%, it is **5DAB42**.

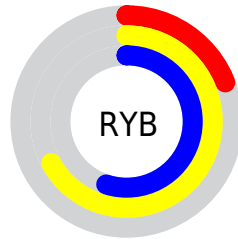
Distribution



 Red (31%)

 Green (67%)

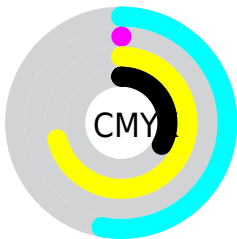
 Blue (19%)



 Red (19%)

 Yellow (67%)

 Blue (55%)

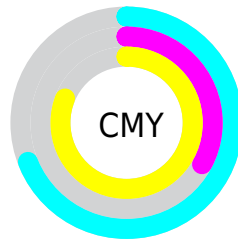


 Cyan (53%)


 Magenta (0%)

 Yellow (71%)

 Black (33%)



 Cyan (69%)

 Magenta (33%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50AB31 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 50AB31 by changing the saturation by 10% instead.

 50AB31

 50AB31

FFFFFF

 319012

 89E366

 037600

 A6FF81

 005C00

 C3FF9C

 004400

 E0FFB8

 002E00

 FEFFD5

 001000

 FFFFF2

 000000

 50AB31

 50AB31

 43AB20

 5DAB42

 36AB0F

 6AAB53

 2BAB00

 76AB64

 83AB75

 90AB86

 9DAB98

 A9ABA9

 B6ABBA

 C3ABCB

Harmonies

Analogous

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



9A9D00



50AB31



00B271

Triad

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



50AB31



00A8FF



FF557D

Complementary

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



50AB31



8C31AB

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.



F75CBD



50AB31



3A95FF

Square

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



50AB31



00B2EE



BE79F4



F96B42

Rectangle

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



50AB31



00B49D



BE79F4



FF5393

Sweetspot

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



50AB31



BBDEAF



AB8A31



5B7054



F0F0F0



707070

Same Dimension

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



50AB31



50DE1F



31AB4D



50574E



269600



061700

Inverse Universe

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



8C31AB



AD1FDE



AB318F



544E57



700096



110017

Previews

White Background



This preview shows how the Hex color 50AB31 looks on a white background.

Color Contrast Check

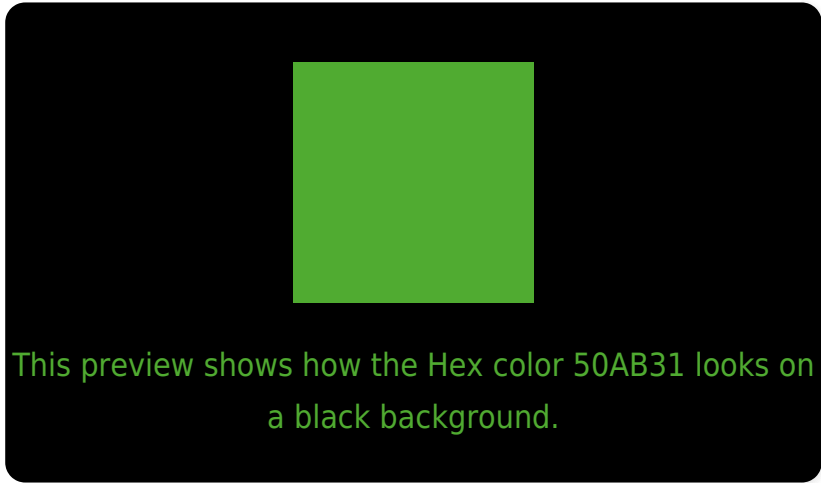
Large Text (above 18pt) WCAG AA × Fail

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

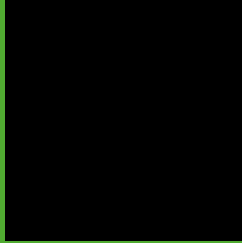
Any Text WCAG AA ✓ Pass

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 50AB31 Background



This preview shows how black text looks on a background with the Hex color 50AB31.

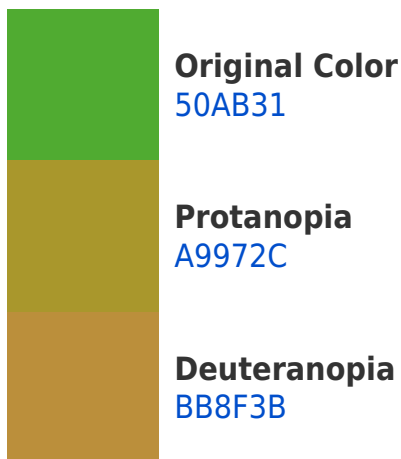


This preview shows how white text looks on a background with the Hex color 50AB31.

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
67A0AC

Trichromacy



Original Color
50AB31



Protanomaly
899E2E



Deuteranomaly
949937



Tritanomaly
5FA47F

Monochromacy



Original Color
50AB31



Achromatopsia
828282



Achromatomaly
709165

CSS Examples

Text

The CSS property to change the color of the text to Hex 50AB31 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 #50AB31 looks like.

```
.text, #text, p{  
    color:#50AB31  
}
```

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 #50AB31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50AB31
}
```

Border

The CSS property to change the border of an element to Hex 50AB31 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
#50AB31 }
```

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

```
.border{ border-color:#50AB31 }
```

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

Here you see how a box with a 4 pixel #50AB31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50AB31; -webkit-box-shadow:4px 4px  
4px 4px #50AB31; box-shadow:4px 4px 4px  
4px #50AB31 }
```

Background

The CSS property to change the background color of an element to Hex 50AB31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50AB31 }
```

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

```
.background{ background-color:#50AB31 }
```

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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