

Converting Colors

Hex(5EB431)

Have a look what the booklet for
Hex(5EB431) contains.

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Color

Hex(5EB431)

Conversions

Conversions Part 1

Format	Color
Hex	5EB431
RGB	94, 180, 49
RGB Percent	37%, 71%, 19%
CMY	0.6314, 0.2941, 0.8078
CMYK	0.48, 0.00, 0.73, 0.29
HSL	99°, 57%, 45%
HSV	99°, 73%, 71%
XYZ	21.4917, 35.2440, 8.5758
YIQ	139.3520, -9.2050, -58.9730

Conversions

Conversions Part 2

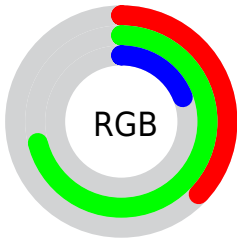
Format	Color
RYB	49, 180, 135
Decimal	6206513
CIELab	65.94, -48.57, 55.54
CIELCh	66, 73.783, 131.168
Yxy	35.2440, 0.3291, 0.5396
Android (android.graphics.Color)	4284396593 (0xFF5EB431)
YUV	139.3520, -44.5435, -39.7737
Hunter-Lab	59.3666, -39.2715, 32.9919

Details

The Hex color **5EB431** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8731B4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **97ED67**, and **1F7E00** is the 20% darker color. If you saturate the color by 10%, you get **52B41F**, and if you desaturate by 10%, it is **6AB443**.

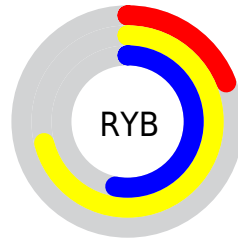
Distribution



Red (37%)

Green (71%)

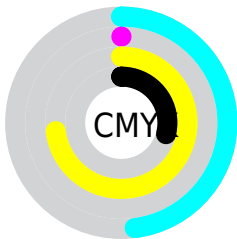
Blue (19%)



Red (19%)

Yellow (71%)

Blue (53%)

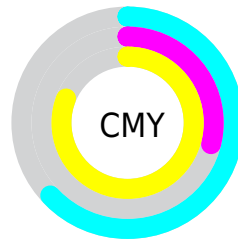


Cyan (48%)

Magenta (0%)

Yellow (73%)

Black (29%)



Cyan (63%)

Magenta (29%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB431 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 5EB431 by changing the saturation by 10% instead.

 5EB431

 5EB431

FFFFFF

 419910

 97ED67

 1F7E00

 B4FF82

 006500

 D1FF9E

 004C00

 EFFFBA

 003400

 FFFFD6

 001D00

 FFFFF4

 000000

 5EB431

 5EB431

 52B41F

 6AB443

 46B40D

 76B455

 3EB400

 81B467

 8DB479

 99B48B

 A5B49D

 B1B4AF

 BDB4C1

 C8B4D3

Harmonies

Analogous

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



A9A500



5EB431



00BC73

Triad

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



5EB431



00B3FF



FF5B8A

Complementary

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



5EB431



8731B4

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.



FF65CD



5EB431



26A0FF

Square

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



5EB431



00BCF6



C283FF



FF704C

Rectangle

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



5EB431



00BEA1



C283FF



FF5AA0

Sweetspot

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



5EB431



C9EBB7



B48631



617557



F5F5F5



757575

Same Dimension

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



5EB431



65EB1E



31B445



535950



359900



091A00

Inverse Universe

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



8731B4



A41EEB



B431A0



565059



640099



11001A

Previews

White Background



This preview shows how the Hex color 5EB431 looks on a white background.

Color Contrast Check

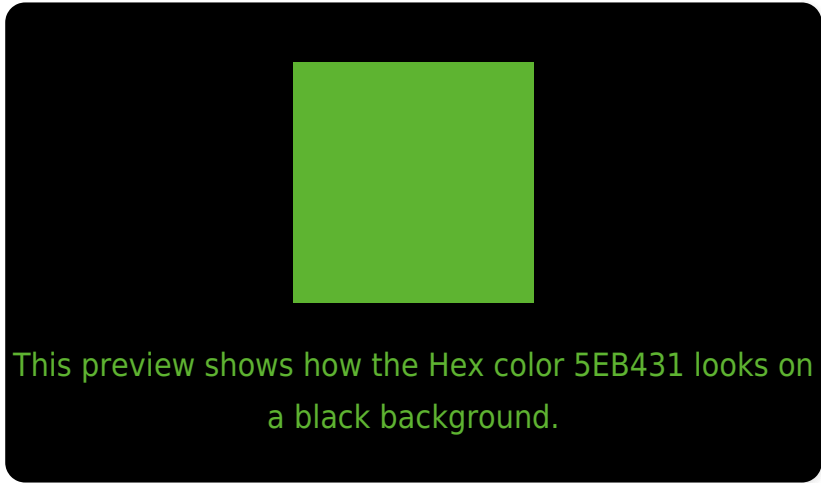
Large Text (above 18pt) WCAG AA × Fail

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 5EB431 Background



This preview shows how black text looks on a background with the Hex color 5EB431.

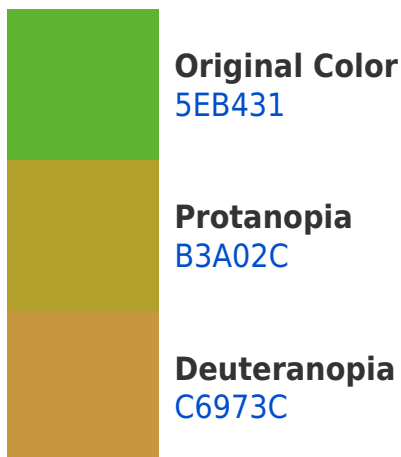


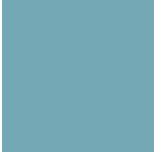
This preview shows how white text looks on a background with the Hex color 5EB431.

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
74A8B5

Trichromacy



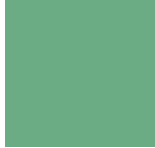
Original Color
5EB431



Protanomaly
94A72E



Deuteranomaly
A0A238



Tritanomaly
6CAC85

Monochromacy



Original Color
5EB431



Achromatopsia
8B8B8B



Achromatomaly
7B9A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB431 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 #5EB431 looks like.

```
.text, #text, p{  
    color:#5EB431  
}
```

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 #5EB431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB431
}
```

Border

The CSS property to change the border of an element to Hex 5EB431 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
#5EB431 }
```

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

```
.border{ border-color:#5EB431 }
```

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

Here you see how a box with a 4 pixel #5EB431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB431; -webkit-box-shadow:4px 4px  
4px 4px #5EB431; box-shadow:4px 4px 4px  
4px #5EB431 }
```

Background

The CSS property to change the background color of an element to Hex 5EB431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB431 }
```

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

```
.background{ background-color:#5EB431 }
```

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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