

Converting Colors

Hex(61C131)

Have a look what the booklet for
Hex(61C131) contains.

Hex(61C131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(61C131)

Conversions

Conversions Part 1

Format	Color
Hex	61C131
RGB	97, 193, 49
RGB Percent	38%, 76%, 19%
CMY	0.6196, 0.2431, 0.8078
CMYK	0.50, 0.00, 0.75, 0.24
HSL	100°, 60%, 47%
HSV	100°, 75%, 76%
XYZ	24.5541, 40.9031, 9.5067
YIQ	147.8800, -10.9920, -65.1360

Conversions

Conversions Part 2

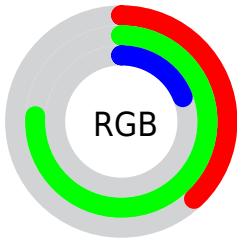
Format	Color
RYB	49, 193, 145
Decimal	6406449
CIELab	70.11, -52.71, 59.74
CIElCh	70, 79.667, 131.426
Yxy	40.9031, 0.3275, 0.5456
Android (android.graphics.Color)	4284596529 (0xFF61C131)
YUV	147.8800, -48.7478, -44.6218
Hunter-Lab	63.9555, -43.3916, 35.9557

Details

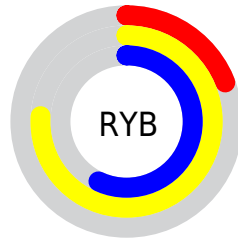
The Hex color **61C131** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9131C1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9BFA69**, and **1E8A00** is the 20% darker color. If you saturate the color by 10%, you get **54C11E**, and if you desaturate by 10%, it is **6EC144**.

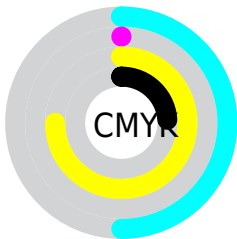
Distribution



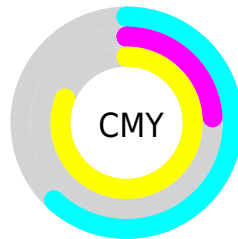
- Red (38%)
- Green (76%)
- Blue (19%)



- Red (19%)
- Yellow (76%)
- Blue (57%)



- Cyan (50%)
- Magenta (0%)
- Yellow (75%)
- Black (24%)




- Cyan (62%)
- Magenta (24%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61C131 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 61C131 by changing the saturation by 10% instead.

 61C131

 61C131

FFFFFF

 43A50C

 9BFA69

 1E8A00

 B9FF84

 007000

 D6FFA0

 005700

 F4FFBC

 003E00

 FFFFD9

 002800

 FFFFF6

 000100

 000000

 61C131

 61C131

■ 54C11E

■ 6EC144

■ 47C10A

■ 7BC158

■ 40C100

■ 88C16B

■ 94C17E

■ A1C192

■ AEC1A5

■ BBC1B8

■ C8C1CB

■ D5C1DF

Harmonies

Analogous

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



B3B100



61C131



00CA7A

Triad

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



61C131



00C0FF



FF5E93

Complementary

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



61C131



9131C1

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.



FF69DB



61C131



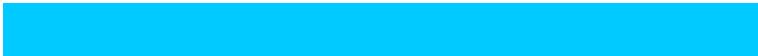
19ABFF

Square

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



61C131



00CAFF



D18BFF



FF774E

Rectangle

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



61C131



00CCAD



D18BFF



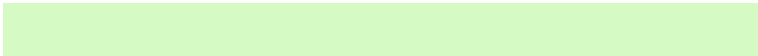
FF5DAB

Sweetspot

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



61C131



D5FAC3



C19131



677D5C



FCFCFC



7D7D7D

Same Dimension

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



61C131



64FA19



31C149



5A6157



36A100



0B2100

Inverse Universe

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



9131C1



AF19FA



C131A9



5E5761



6B00A1



160021

Previews

White Background



This preview shows how the Hex color 61C131 looks on a white background.

Color Contrast Check

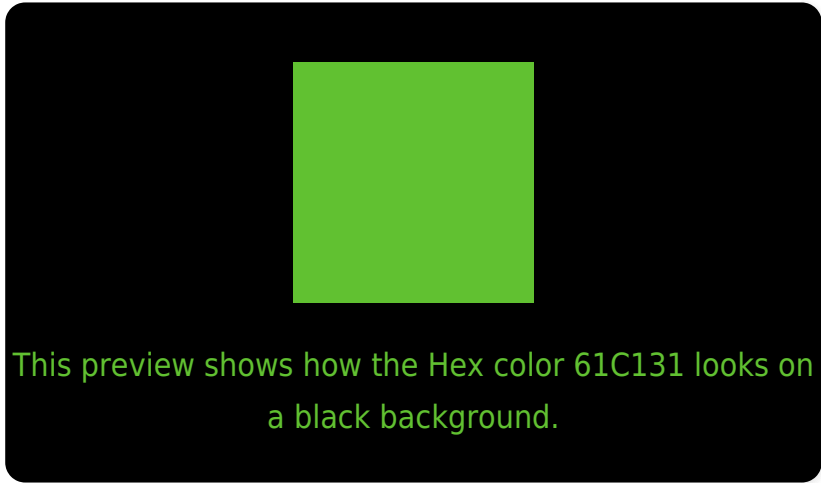
Large Text (above 18pt) WCAG AA × Fail

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 61C131 Background



This preview shows how black text looks on a background with the Hex color 61C131.

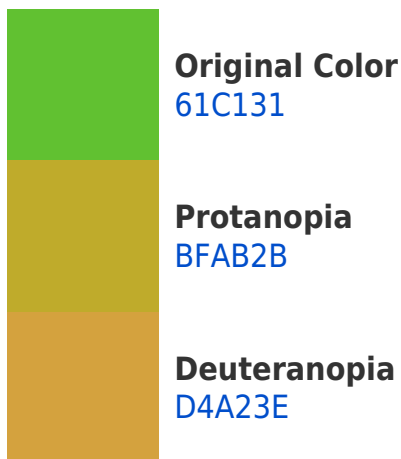


This preview shows how white text looks on a background with the Hex color 61C131.

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](#).

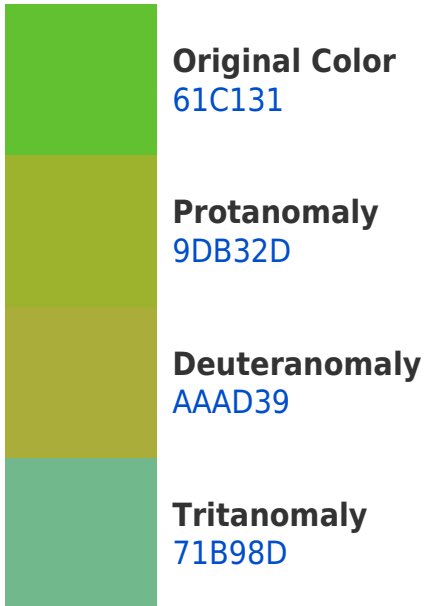
Dichromacy



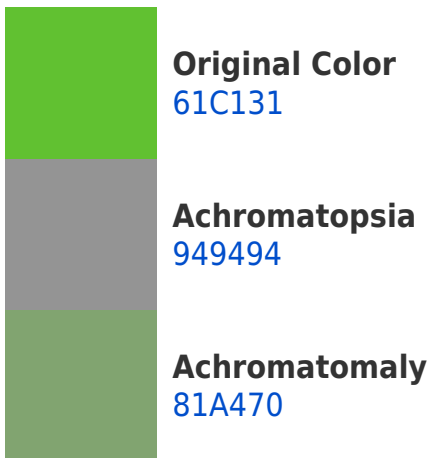


Tritanopia
7AB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61C131 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 #61C131 looks like.

```
.text, #text, p{  
    color:#61C131  
}
```

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 #61C131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C131
}
```

Border

The CSS property to change the border of an element to Hex 61C131 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
#61C131 }
```

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

```
.border{ border-color:#61C131 }
```

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

Here you see how a box with a 4 pixel #61C131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C131; -webkit-box-shadow:4px 4px  
4px 4px #61C131; box-shadow:4px 4px 4px  
4px #61C131 }
```

Background

The CSS property to change the background color of an element to Hex 61C131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C131 }
```

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

```
.background{ background-color:#61C131 }
```

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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