

Converting Colors

Hex(61D330)

Have a look what the booklet for
Hex(61D330) contains.

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Color

Hex(61D330)

Conversions

Conversions Part 1

Format	Color
Hex	61D330
RGB	97, 211, 48
RGB Percent	38%, 83%, 19%
CMY	0.6196, 0.1725, 0.8118
CMYK	0.54, 0.00, 0.77, 0.17
HSL	102°, 65%, 51%
HSV	102°, 77%, 83%
XYZ	28.7575, 49.3433, 10.8048
YIQ	158.3320, -15.6210, -74.8610

Conversions

Conversions Part 2

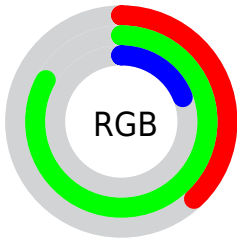
Format	Color
RYB	48, 211, 162
Decimal	6411056
CIELab	75.66, -59.44, 65.45
CIELCh	76, 88.411, 132.245
Yxy	49.3433, 0.3235, 0.5550
Android (android.graphics.Color)	4284601136 (0xFF61D330)
YUV	158.3320, -54.3937, -53.7882
Hunter-Lab	70.2448, -49.8523, 40.0516

Details

The Hex color **61D330** 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 **A230D3**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9EFF6A**, and **139B00** is the 20% darker color. If you saturate the color by 10%, you get **52D31B**, and if you desaturate by 10%, it is **70D345**.

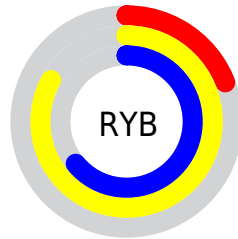
Distribution



Red (38%)

Green (83%)

Blue (19%)



Red (19%)

Yellow (83%)

Blue (64%)

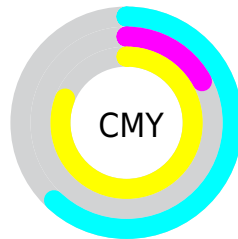


Cyan (54%)

Magenta (0%)

Yellow (77%)

Black (17%)



Cyan (62%)

Magenta (17%)


Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61D330 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 61D330 by changing the saturation by 10% instead.

 61D330

 61D330

FFFFFF

 40B703

 9EFF6A

 139B00

 BBFF86

 008000

 DAFFA3

 006600

 F8FFBF

 004D00

 FFFFDC

 003500

 FFFFFA

 001C00

 000000

 61D330

 61D330

 52D31B

 70D345

 43D306

 7FD35A

 3FD300

 8DD36F

 9CD384

 ABD39A

 BAD3AF

 C8D3C4

 D7D3D9

 E6D3EE

Harmonies

Analogous

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



C0C100



61D330



00DC85

Triad

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



61D330



00D1FF



FF619D

Complementary

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



61D330



A230D3

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.



FF6CEE



61D330



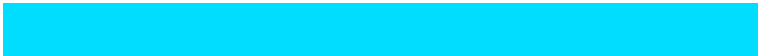
00B9FF

Square

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



61D330



00DDFF



E794FF



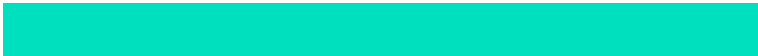
FF7F4F

Rectangle

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



61D330



00DFBE



E794FF



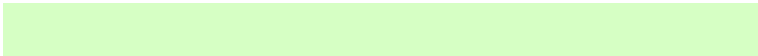
FF5FB8

Sweetspot

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



61D330



D6FFC4



D39F30



67805C



000000



808080

Same Dimension

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



61D330



59FF12



30D34E



61695E



33A800



0C2900

Inverse Universe

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



A230D3



B812FF



D330B5



655E69



7600A8



1D0029

Previews

White Background



This preview shows how the Hex color 61D330 looks on a white background.

Color Contrast Check

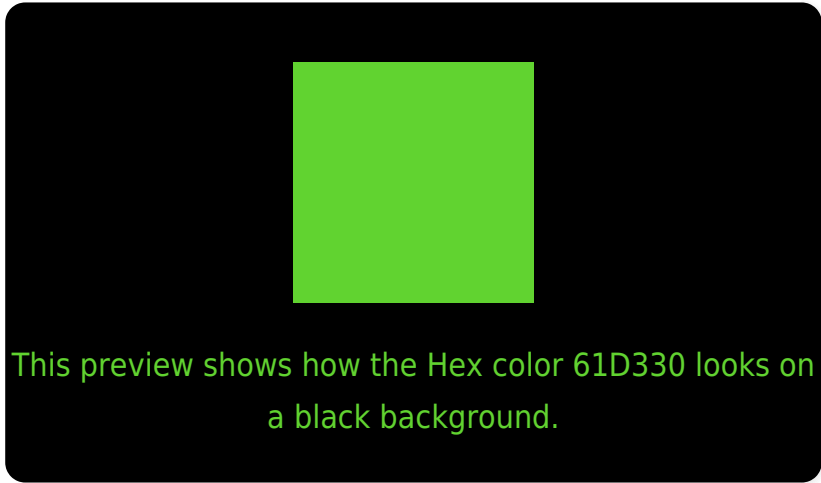
Large Text (above 18pt) WCAG AA × Fail

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 61D330 Background



This preview shows how black text looks on a background with the Hex color 61D330.

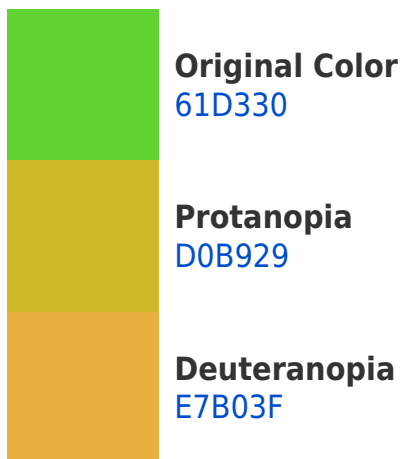


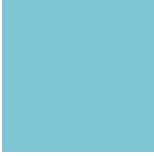
This preview shows how white text looks on a background with the Hex color 61D330.

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
7FC5D4

Trichromacy



Original Color
61D330



Protanomaly
A8C22C



Deuteranomaly
B6BD3A

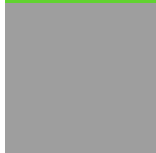


Tritanomaly
74CA98

Monochromacy



Original Color
61D330



Achromatopsia
9E9E9E



Achromatomaly
88B176

CSS Examples

Text

The CSS property to change the color of the text to Hex 61D330 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 #61D330 looks like.

```
.text, #text, p{  
    color:#61D330  
}
```

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 #61D330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D330
}
```

Border

The CSS property to change the border of an element to Hex 61D330 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
#61D330 }
```

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

```
.border{ border-color:#61D330 }
```

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

Here you see how a box with a 4 pixel #61D330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D330; -webkit-box-shadow:4px 4px  
4px 4px #61D330; box-shadow:4px 4px 4px  
4px #61D330 }
```

Background

The CSS property to change the background color of an element to Hex 61D330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D330 }
```

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

```
.background{ background-color:#61D330 }
```

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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