

# Converting Colors

Hex(61D356)

Have a look what the booklet for  
Hex(61D356) contains.

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**Color**

**Hex(61D356)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61D356
RGB	97, 211, 86
RGB Percent	38%, 83%, 34%
CMY	0.6196, 0.1725, 0.6627
CMYK	0.54, 0.00, 0.59, 0.17
HSL	115°, 59%, 58%
HSV	115°, 59%, 83%
XYZ	29.9037, 49.8018, 16.8407
YIQ	162.6640, -27.8190, -63.0430

# Conversions

## Conversions Part 2

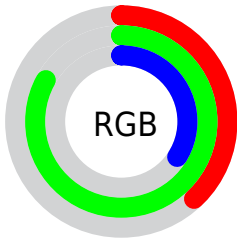
Format	Color
<a href="#">RYB</a>	86, 211, 200
Decimal	6411094
CIELab	75.95, -56.26, 51.17
CIElCh	76, 76.050, 137.709
Yxy	49.8018, 0.3097, 0.5158
Android (android.graphics.Color)	4284601174 (0xFF61D356)
YUV	162.6640, -37.7954, -57.5873
Hunter-Lab	70.5704, -47.8600, 35.2505

# Details

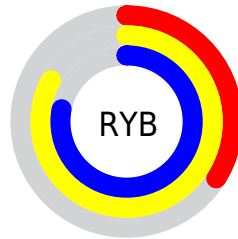
The Hex color **61D356** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **C856D3**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9CFF8B**, and **1A9B1F** is the 20% darker color. If you saturate the color by 10%, you get **4ED341**, and if you desaturate by 10%, it is **74D36B**.

# Distribution



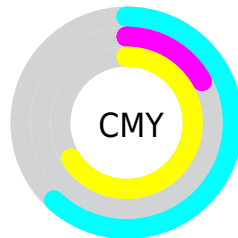
- Red (38%)
- Green (83%)
- Blue (34%)



- Red (34%)
- Yellow (83%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (59%)
- Black (17%)



- Cyan (62%)
- Magenta (17%)
- Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 61D356 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 61D356 by changing the saturation by 10% instead.



 61D356

 61D356

FFFFFF

 42B73B

 9CFF8B

 1A9B1F

 BAFFA7

 008000

 D7FFC3

 006600

 F5FFE0

 004D00

FFFFFFD

 003500

 001D00

 000000

 61D356

 61D356

 4ED341

 74D36B

 3BD32C

 87D380

 27D317

 9BD395

 14D302

 AED3AA

 13D300

 C1D3C0

 D4D3D5

 E8D3EA

 FBD3FF

 FFD3FF

# Harmonies

## Analogous

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



B7C41D



61D356



00DA9B

# Triad

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



61D356



00CCFF



FF7895

# Complementary

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



61D356



C856D3

# 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.



FF7ADB



61D356



80B5FF

# Square

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



61D356



00D8FF



F396FF



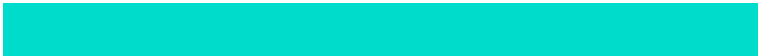
FF9055

# Rectangle

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



61D356



00DCCC



F396FF



FF75AC

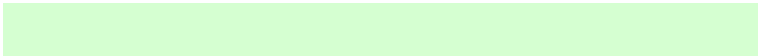


# Sweetspot

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



61D356



D5FFD1



D3C656



668063



000000



808080



# Same Dimension

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



61D356



5AFF4A



56D388



5F695E



0FA800



042900



# Inverse Universe

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



C856D3



EF4AFF



D356A1



685E69



9900A8



250029



# Previews

## White Background



This preview shows how the Hex color 61D356 looks on a white background.

## Color Contrast Check

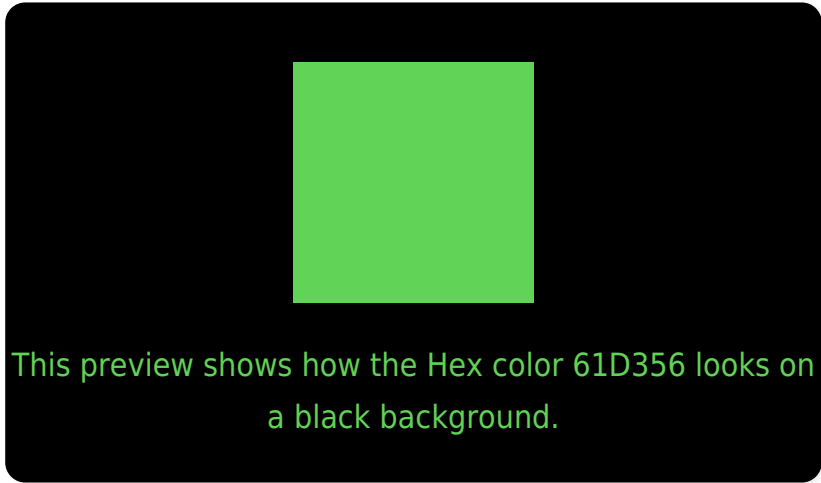
Large Text (above 18pt) WCAG AA × Fail

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

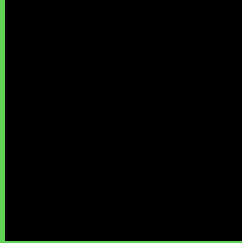
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61D356 Background



This preview shows how black text looks on a background with the Hex color 61D356.

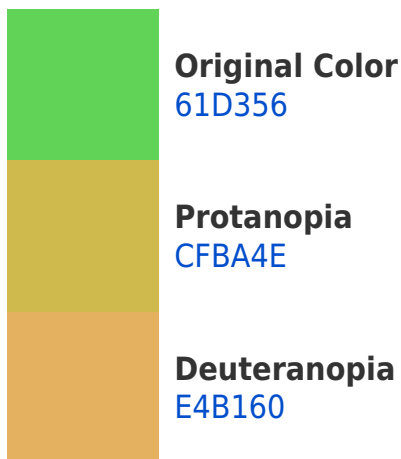


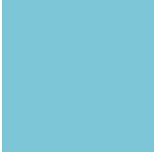
This preview shows how white text looks on a background with the Hex color 61D356.

# 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](#).

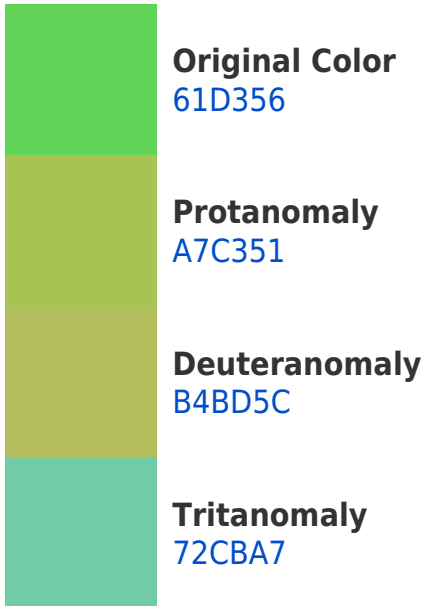
## Dichromacy



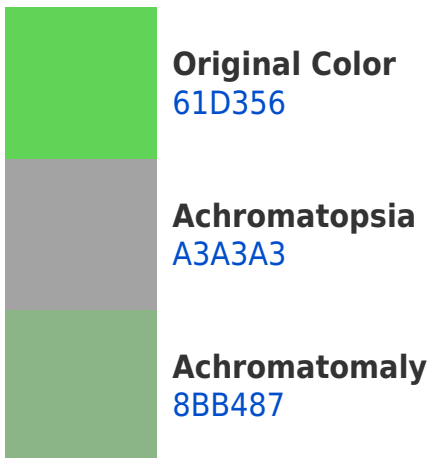


**Tritanopia**  
7CC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61D356 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 #61D356 looks like.

```
.text, #text, p{  
    color:#61D356  
}
```

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 #61D356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D356
}
```

## Border

The CSS property to change the border of an element to Hex 61D356 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
#61D356 }
```

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

```
.border{ border-color:#61D356 }
```

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

Here you see how a box with a 4 pixel #61D356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D356; -webkit-box-shadow:4px 4px  
4px 4px #61D356; box-shadow:4px 4px 4px  
4px #61D356 }
```

# Background

The CSS property to change the background color of an element to Hex 61D356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D356 }
```

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

```
.background{ background-color:#61D356 }
```

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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