

Converting Colors

Hex(61D179)

Have a look what the booklet for
Hex(61D179) contains.

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Color

Hex(61D179)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 61D179 |
| RGB | 97, 209, 121 |
| RGB Percent | 38%, 82%, 47% |
| CMY | 0.6196, 0.1804, 0.5255 |
| CMYK | 0.54, 0.00, 0.42, 0.18 |
| HSL | 133°, 55%, 60% |
| HSV | 133°, 54%, 82% |
| XYZ | 31.1814, 49.5228, 26.0046 |
| YIQ | 165.4800, -38.5040, -51.1120 |

Conversions

Conversions Part 2

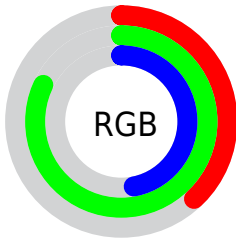
| Format | Color |
|-------------------------------------|--|
| RYB | 97, 189, 209 |
| Decimal | 6410617 |
| CIELab | 75.78, -50.74, 34.15 |
| CIELCh | 76, 61.160, 146.061 |
| Yxy | 49.5228, 0.2922, 0.4641 |
| Android (android.graphics.Color) | 4284600697 (0xFF61D179) |
| YUV | 165.4800, -21.9286, -60.0570 |
| Hunter-Lab | 70.3724, -44.0599, 27.3514 |

Details

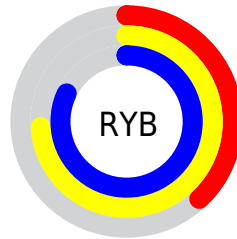
The Hex color **61D179** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D161B9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **9BFFAE**, and **1E9A47** is the 20% darker color. If you saturate the color by 10%, you get **4CD169**, and if you desaturate by 10%, it is **76D189**.

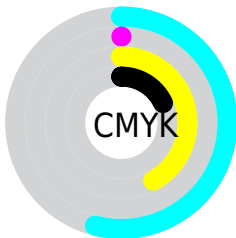
Distribution



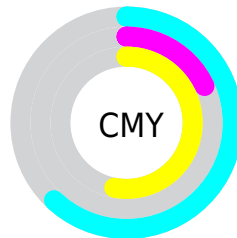
- Red (38%)
- Green (82%)
- Blue (47%)



- Red (38%)
- Yellow (74%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (42%)
- Black (18%)




- Cyan (62%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61D179 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 61D179 by changing the saturation by 10% instead.

 61D179

 61D179

FFFFFF

 43B55F

 9BFFAE

 1E9A47

 B8FFCA

 007F2F

 D5FFE6

 006516

 F3FFFF

 004C00

 003400

 001D00

 000000

 61D179

 61D179

 4CD169

 76D189

 37D158

 8BD19A

 22D148

 A0D1AA

 0DD137

 B5D1BB

 00D12D

 CAD1CB

 DED1DC

 F3D1EC

 FFD1FC

 FFD1FF

Harmonies

Analogous

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



A9C64F



61D179



00D6B1

Triad

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



61D179



03C3FF



FF8D8C

Complementary

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



61D179



D161B9

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.



FF89C5



61D179



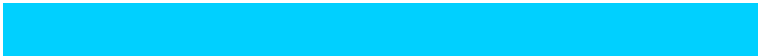
B1AFFF

Square

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



61D179



00D0FF



F998FB



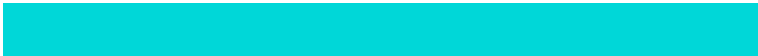
FFA05E

Rectangle

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



61D179



00D7D8



F998FB



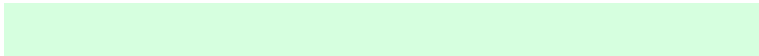
FF8A9F

Sweetspot

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



61D179



D6FFDF



BBD161



67806C



000000



808080

Same Dimension

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



61D179



5CFF7F



61D1AF



5E6960



00A824



002909

Inverse Universe

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



D161B9



FF5CDC



D16183



695E66



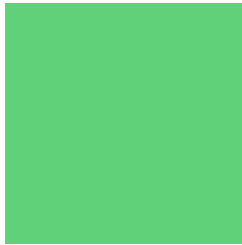
A80084



290020

Previews

White Background



This preview shows how the Hex color 61D179 looks on a white background.

Color Contrast Check

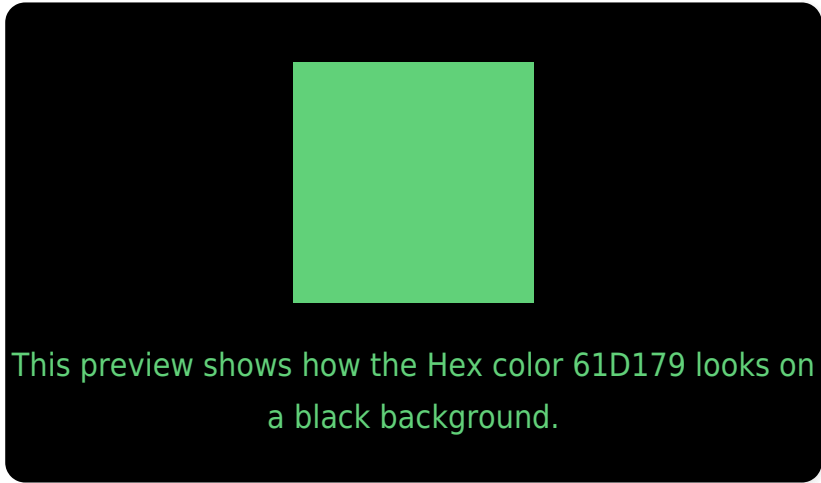
Large Text (above 18pt) WCAG AA × Fail

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 61D179 Background



This preview shows how black text looks on a background with the Hex color 61D179.

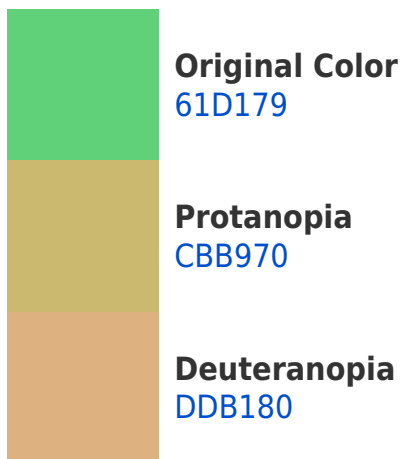


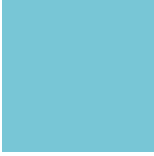
This preview shows how white text looks on a background with the Hex color 61D179.

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
78C6D6

Trichromacy



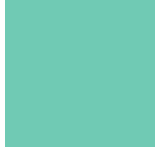
Original Color
61D179



Protanomaly
A4C273



Deuteranomaly
B0BD7D



Tritanomaly
70CAB4

Monochromacy



Original Color
61D179



Achromatopsia
A5A5A5



Achromatomaly
8CB595

CSS Examples

Text

The CSS property to change the color of the text to Hex 61D179 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 #61D179 looks like.

```
.text, #text, p{  
    color:#61D179  
}
```

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 #61D179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D179
}
```

Border

The CSS property to change the border of an element to Hex 61D179 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
#61D179 }
```

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

```
.border{ border-color:#61D179 }
```

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

Here you see how a box with a 4 pixel #61D179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D179; -webkit-box-shadow:4px 4px  
4px 4px #61D179; box-shadow:4px 4px 4px  
4px #61D179 }
```

Background

The CSS property to change the background color of an element to Hex 61D179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D179 }
```

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

```
.background{ background-color:#61D179 }
```

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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