

Converting Colors

Hex(60D057)

Have a look what the booklet for
Hex(60D057) contains.

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Color

Hex(60D057)

Conversions

Conversions Part 1

Format	Color
Hex	60D057
RGB	96, 208, 87
RGB Percent	38%, 82%, 34%
CMY	0.6235, 0.1843, 0.6588
CMYK	0.54, 0.00, 0.58, 0.18
HSL	116°, 56%, 58%
HSV	116°, 58%, 82%
XYZ	29.1000, 48.2867, 16.8034
YIQ	160.7180, -27.9110, -61.3750

Conversions

Conversions Part 2

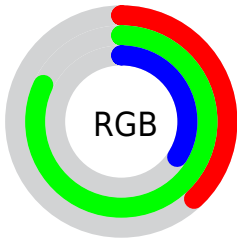
Format	Color
RYB	87, 208, 199
Decimal	6344791
CIELab	75.01, -55.27, 49.63
CIELCh	75, 74.282, 138.079
Yxy	48.2867, 0.3090, 0.5127
Android (android.graphics.Color)	4284534871 (0xFF60D057)
YUV	160.7180, -36.3430, -56.7577
Hunter-Lab	69.4886, -46.8538, 34.3048

Details

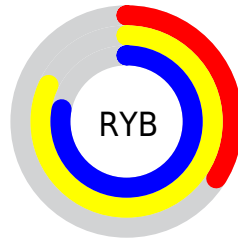
The Hex color **60D057** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **C757D0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9BFF8C**, and **199821** is the 20% darker color. If you saturate the color by 10%, you get **4DD042**, and if you desaturate by 10%, it is **73D06C**.

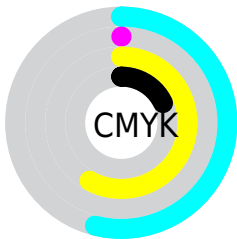
Distribution



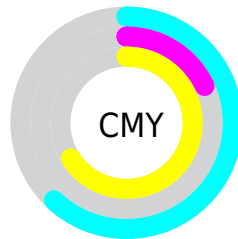
- Red (38%)
- Green (82%)
- Blue (34%)



- Red (34%)
- Yellow (82%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (58%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D057 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 60D057 by changing the saturation by 10% instead.

 60D057

 60D057

FFFFFF

 41B43D

 9BFF8C

 199821

 B8FFA8

 007E00

 D6FFC4

 006400

 F4FFE0

 004B00

FFFFFFD

 003300

 001A00

 000000

 60D057

 60D057

 4DD042

 73D06C

 39D02D

 87D081

 26D019

 9AD095

 13D004

 ADD0AA

 0FD000

 C0D0BF

 D4D0D4

 E7D0E9

 FAD0FD

 FFD0FF

Harmonies

Analogous

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



B4C221



60D057



00D79A

Triad

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



60D057



00C8FF



FF7892

Complementary

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



60D057



C757D0

Split Complementary

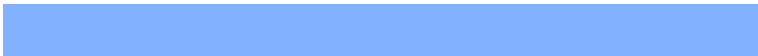
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7AD7



60D057



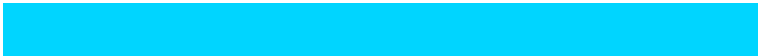
82B2FF

Square

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



60D057



00D5FF



F094FF



FF8F54

Rectangle

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



60D057



00D9CA



F094FF



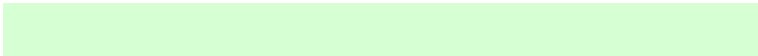
FF75A9

Sweetspot

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



60D057



D7FFD4



D0C657



688066



000000



808080

Same Dimension

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



60D057



5AFF4D



57D089



5F695E



0DA800



032900

Inverse Universe

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



C757D0



F24DFF



D0579E



685E69



9C00A8



260029

Previews

White Background



This preview shows how the Hex color 60D057 looks on a white background.

Color Contrast Check

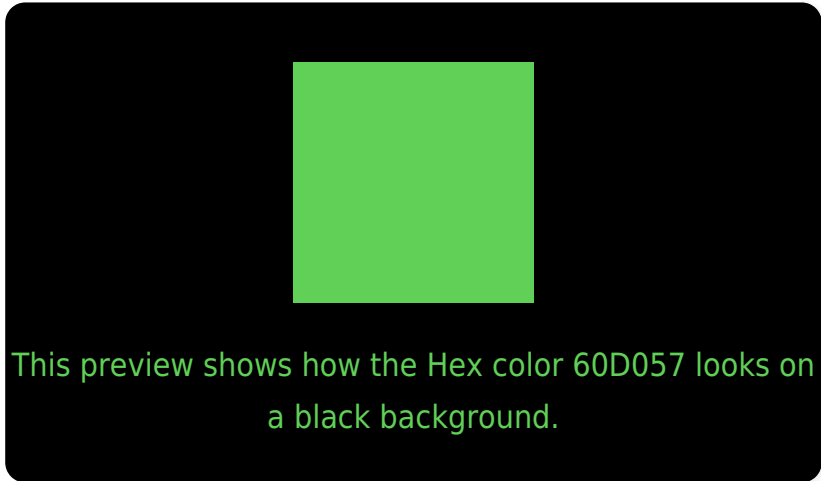
Large Text (above 18pt) WCAG AA × Fail

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

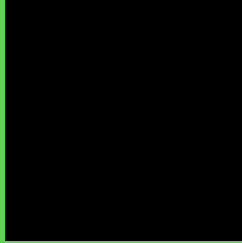
Any Text WCAG AA ✓ Pass

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 60D057 Background



This preview shows how black text looks on a background with the Hex color 60D057.

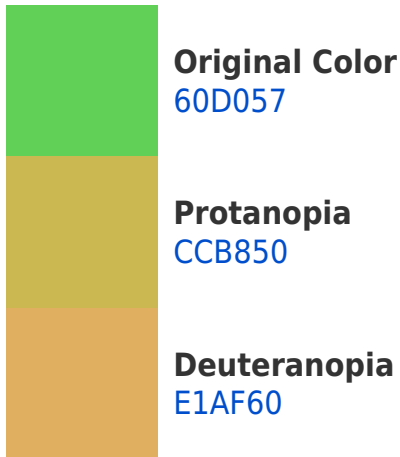


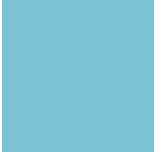
This preview shows how white text looks on a background with the Hex color 60D057.

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](#).

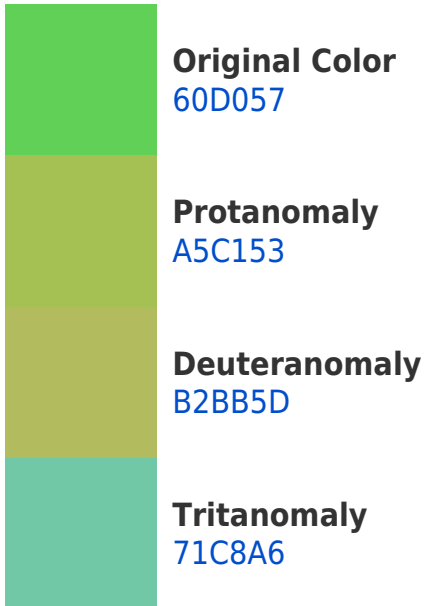
Dichromacy



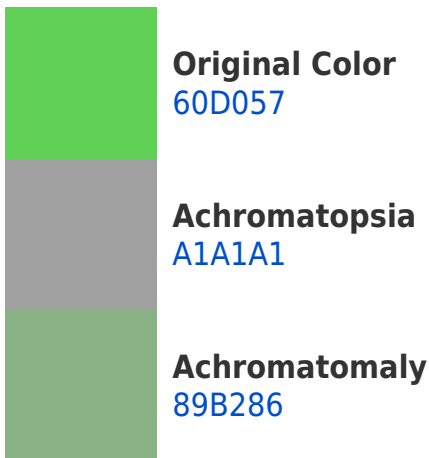


Tritanopia
7BC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60D057 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 #60D057 looks like.

```
.text, #text, p{  
    color:#60D057  
}
```

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 #60D057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D057
}
```

Border

The CSS property to change the border of an element to Hex 60D057 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
#60D057 }
```

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

```
.border{ border-color:#60D057 }
```

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

Here you see how a box with a 4 pixel #60D057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D057; -webkit-box-shadow:4px 4px  
4px 4px #60D057; box-shadow:4px 4px 4px  
4px #60D057 }
```

Background

The CSS property to change the background color of an element to Hex 60D057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D057 }
```

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

```
.background{ background-color:#60D057 }
```

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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