

Converting Colors

Hex(60A157)

Have a look what the booklet for
Hex(60A157) contains.

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Color

Hex(60A157)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 60A157 |
| RGB | 96, 161, 87 |
| RGB Percent | 38%, 63%, 34% |
| CMY | 0.6235, 0.3686, 0.6588 |
| CMYK | 0.40, 0.00, 0.46, 0.37 |
| HSL | 113°, 30%, 49% |
| HSV | 113°, 46%, 63% |
| XYZ | 19.2890, 28.6647, 13.5330 |
| YIQ | 133.1290, -14.9860, -36.7940 |

Conversions

Conversions Part 2

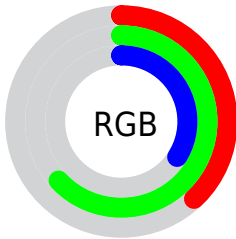
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 87, 161, 152 |
| Decimal | 6332759 |
| CIELab | 60.48, -35.85, 32.06 |
| CIElCh | 60, 48.091, 138.191 |
| Yxy | 28.6647, 0.3137, 0.4662 |
| Android (android.graphics.Color) | 4284522839 (0xFF60A157) |
| YUV | 133.1290, -22.7416, -32.5621 |
| Hunter-Lab | 53.5394, -29.3844, 22.4910 |

Details

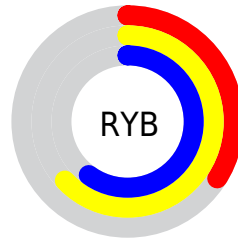
The Hex color **60A157** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9857A1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **96D88A**, and **2B6D27** is the 20% darker color. If you saturate the color by 10%, you get **52A147**, and if you desaturate by 10%, it is **6EA167**.

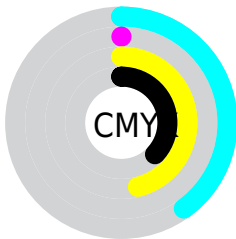
Distribution



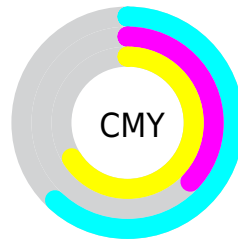
- Red (38%)
- Green (63%)
- Blue (34%)



- Red (34%)
- Yellow (63%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (46%)
- Black (37%)



- Cyan (62%)
- Magenta (37%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60A157 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 60A157 by changing the saturation by 10% instead.



60A157



60A157

FFFFFF



46863F



96D88A



2B6D27



B1F5A5



0B540F



CEFFC0



003C00



EAFFDC



002700



FFFFFF9



000300



000000



60A157



60A157



52A147



6EA167

 44A137

 7CA177

 36A127

 8AA187

 27A117

 99A197

 19A107

 A7A1A8

 14A100

 B5A1B8

 C3A1C8

 D1A1D8

 DFA1E8

Harmonies

Analogous

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



91983D



60A157



00A67F

Triad

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



60A157



009BE5



E16E7A

Complementary

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



60A157



9857A1

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.



D86FA4



60A157



788DE2

Square

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



60A157



00A4D0



B57CCB



D57A54

Rectangle

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



60A157



00A79D



B57CCB



E16D88

Sweetspot

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



60A157



B7D1B4



A19757



596957



E8E8E8



696969

Same Dimension

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



60A157



6CD15E



57A172



4A5249



129100



021200

Inverse Universe

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



9857A1



C35ED1



A15786



514952



800091



100012

Previews

White Background



This preview shows how the Hex color 60A157 looks on a white background.

Color Contrast Check

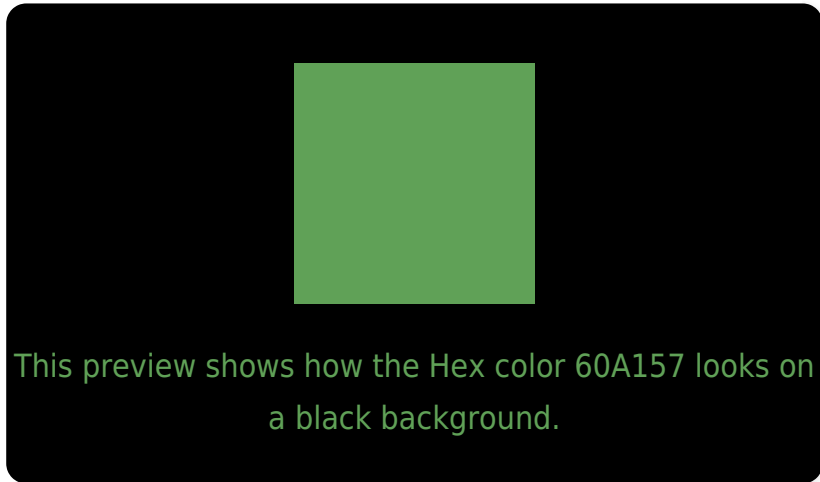
Large Text (above 18pt) WCAG AA ✓ Pass

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

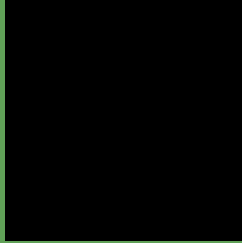
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 60A157 Background



This preview shows how black text looks on a background with the Hex color 60A157.

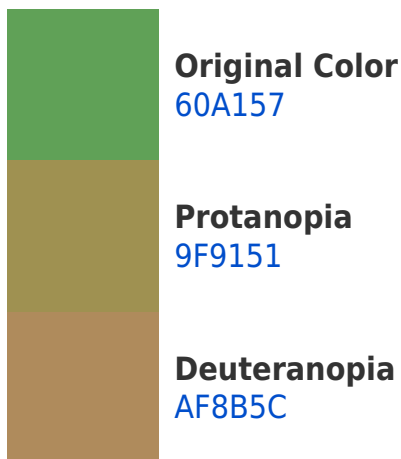


This preview shows how white text looks on a background with the Hex color 60A157.

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



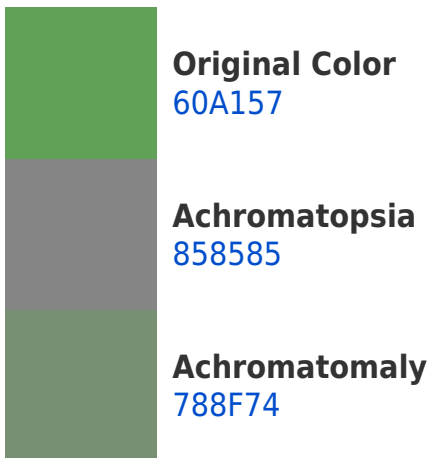


Tritanopia
6F98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60A157 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 #60A157 looks like.

```
.text, #text, p{  
    color:#60A157  
}
```

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 #60A157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A157
}
```

Border

The CSS property to change the border of an element to Hex 60A157 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
#60A157 }
```

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

```
.border{ border-color:#60A157 }
```

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

Here you see how a box with a 4 pixel #60A157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A157; -webkit-box-shadow:4px 4px  
4px 4px #60A157; box-shadow:4px 4px 4px  
4px #60A157 }
```

Background

The CSS property to change the background color of an element to Hex 60A157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A157 }
```

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

```
.background{ background-color:#60A157 }
```

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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