

Converting Colors

Hex(60A55E)

Have a look what the booklet for
Hex(60A55E) contains.

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Color

Hex(60A55E)

Conversions

Conversions Part 1

Format	Color
Hex	60A55E
RGB	96, 165, 94
RGB Percent	38%, 65%, 37%
CMY	0.6235, 0.3529, 0.6314
CMYK	0.42, 0.00, 0.43, 0.35
HSL	118°, 28%, 51%
HSV	118°, 43%, 65%
XYZ	20.2994, 30.2052, 15.3500
YIQ	136.2750, -18.3330, -36.7090

Conversions

Conversions Part 2

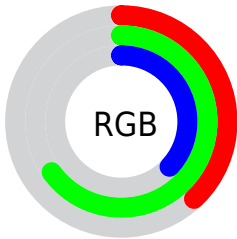
Format	Color
RYB	94, 165, 163
Decimal	6333790
CIELab	61.83, -36.61, 30.10
CIELCh	62, 47.392, 140.570
Yxy	30.2052, 0.3082, 0.4587
Android (android.graphics.Color)	4284523870 (0xFF60A55E)
YUV	136.2750, -20.8416, -35.3212
Hunter-Lab	54.9593, -30.2492, 21.9120

Details

The Hex color **60A55E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A35EA5**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **96DD91**, and **2A702E** is the 20% darker color. If you saturate the color by 10%, you get **50A54E**, and if you desaturate by 10%, it is **70A56E**.

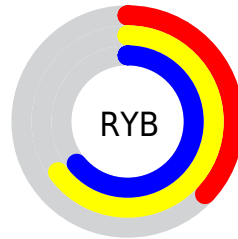
Distribution



Red (38%)

Green (65%)

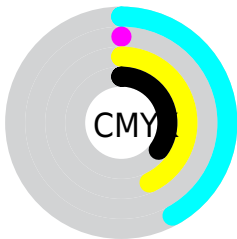
Blue (37%)



Red (37%)

Yellow (65%)

Blue (64%)

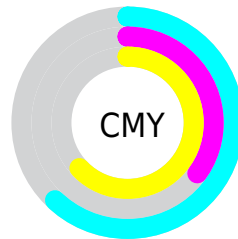


Cyan (42%)

Magenta (0%)

Yellow (43%)

Black (35%)



Cyan (62%)

Magenta (35%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60A55E 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 60A55E by changing the saturation by 10% instead.



60A55E



60A55E

FFFFFF



468A46



96DD91



2A702E



B2F9AC



095717



CEFFC8



003F00



EBFFE4



002900



000C00



000000



60A55E



60A55E



50A54E



70A56E

 40A53D

 80A57F

 30A52C

 90A58F

 20A51C

 A0A5A0

 10A50C

 B0A5B0

 05A500

 C0A5C1

 D0A5D2

 E0A5E2

 F0A5F3

Harmonies

Analogous

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



919C43



60A55E



00AA86

Triad

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



60A55E



039EE8



E4737A

Complementary

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



60A55E



A35EA5

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.



DC73A4



60A55E



8390E4

Square

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



60A55E



00A7D5



BC7FCB



D77F56

Rectangle

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



60A55E



00ABA3



BC7FCB



E47288

Sweetspot

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



60A55E



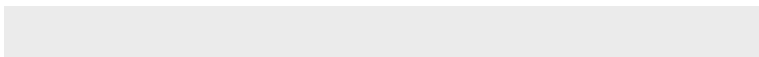
BBD6BA



A5A35E



5A6B5A



EBEBEB



6B6B6B

Same Dimension

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



60A55E



6AD667



5EA57F



4A5249



049100



011200

Inverse Universe

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



A35EA5



D367D6



A55E84



514952



8D0091



110012

Previews

White Background



This preview shows how the Hex color 60A55E looks on a white background.

Color Contrast Check

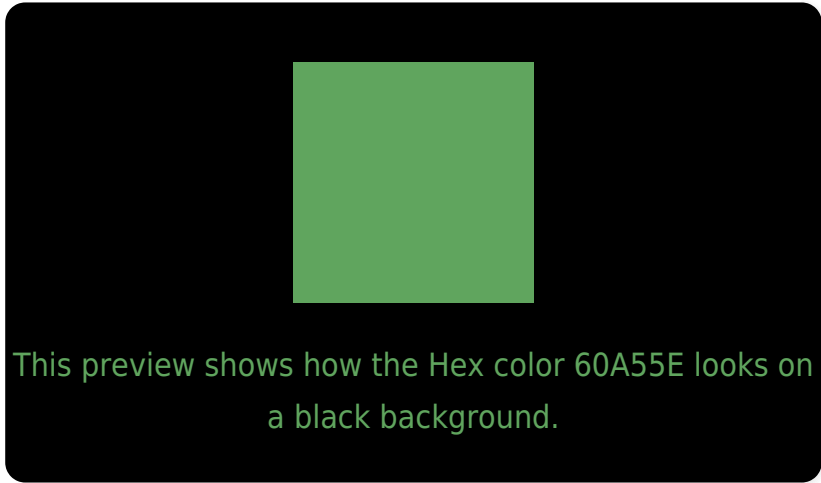
Large Text (above 18pt) WCAG AA × Fail

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

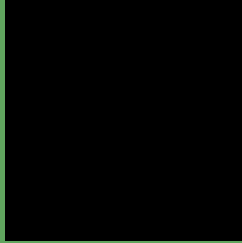
Any Text WCAG AA ✓ Pass

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 60A55E Background



This preview shows how black text looks on a background with the Hex color 60A55E.



This preview shows how white text looks on a background with the Hex color 60A55E.

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](#).

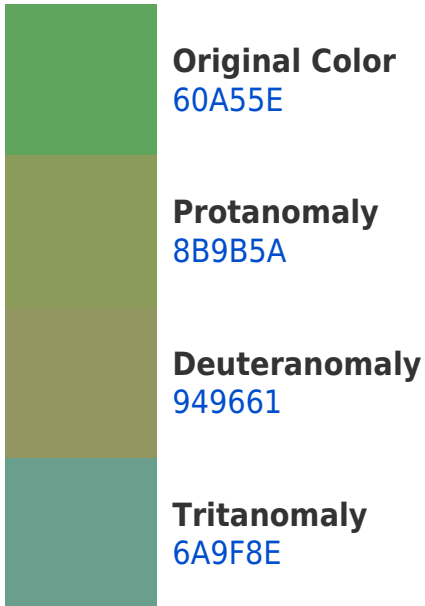
Dichromacy



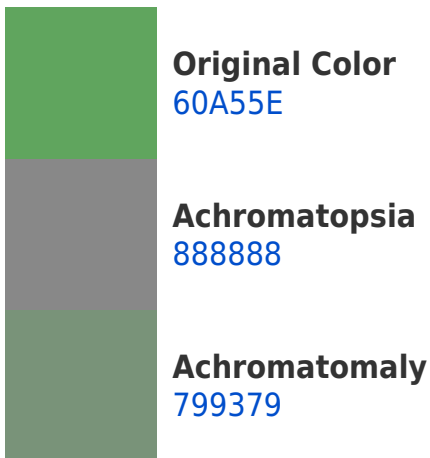


Tritanopia
6F9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60A55E 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 #60A55E looks like.

```
.text, #text, p{  
    color:#60A55E  
}
```

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 #60A55E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A55E
}
```

Border

The CSS property to change the border of an element to Hex 60A55E 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
#60A55E }
```

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

```
.border{ border-color:#60A55E }
```

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

Here you see how a box with a 4 pixel #60A55E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A55E; -webkit-box-shadow:4px 4px  
4px 4px #60A55E; box-shadow:4px 4px 4px  
4px #60A55E }
```

Background

The CSS property to change the background color of an element to Hex 60A55E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A55E }
```

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

```
.background{ background-color:#60A55E }
```

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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