

Converting Colors

Hex(60BA5A)

Have a look what the booklet for
Hex(60BA5A) contains.

Hex(60BA5A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(60BA5A)

Conversions

Conversions Part 1

Format	Color
Hex	60BA5A
RGB	96, 186, 90
RGB Percent	38%, 73%, 35%
CMY	0.6235, 0.2706, 0.6471
CMYK	0.48, 0.00, 0.52, 0.27
HSL	116°, 41%, 54%
HSV	116°, 52%, 73%
XYZ	24.2282, 38.3428, 15.7968
YIQ	148.1460, -22.8240, -48.9360

Conversions

Conversions Part 2

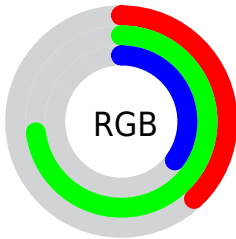
Format	Color
RYB	90, 186, 180
Decimal	6339162
CIELab	68.27, -46.22, 40.21
CIELCh	68, 61.257, 138.978
Yxy	38.3428, 0.3092, 0.4893
Android (android.graphics.Color)	4284529242 (0xFF60BA5A)
YUV	148.1460, -28.6660, -45.7320
Hunter-Lab	61.9216, -38.5205, 28.2196

Details

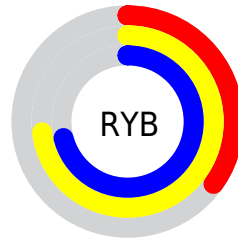
The Hex color **60BA5A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B45ABA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **98F38E**, and **248428** is the 20% darker color. If you saturate the color by 10%, you get **4FBA47**, and if you desaturate by 10%, it is **71BA6D**.

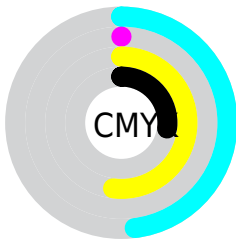
Distribution



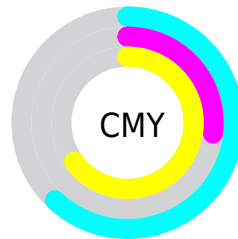
- Red (38%)
- Green (73%)
- Blue (35%)



- Red (35%)
- Yellow (73%)
- Blue (71%)



- Cyan (48%)
- Magenta (0%)
- Yellow (52%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60BA5A 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 60BA5A by changing the saturation by 10% instead.

 60BA5A

 60BA5A

FFFFFF

 439F41

 98F38E

 248428

 B5FFA9

 006A0C

 D2FFC5

 005100

 EFFFFE1

 003900

FFFFFFE

 002300

 000000

 60BA5A

 60BA5A

 4FBA47

 71BA6D

 3DBA35

 83BA7F

 2CBA22

 94BA92

 1ABA10

 A6BAA4

 0CBA00

 B7BAB7

 C9BACA

 DABADC

 EBBAEF

 FDBAFF

Harmonies

Analogous

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



A2AE34



60BA5A



00C08F

Triad

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



60BA5A



00B3FF



FF7686

Complementary

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



60BA5A



B45ABA

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.



FF76BD



60BA5A



83A0FF

Square

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



60BA5A



00BDF9



D689F0



FB8754

Rectangle

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



60BA5A



00C1B6



D689F0



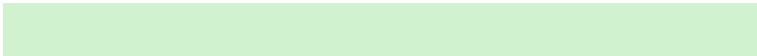
FF7398

Sweetspot

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



60BA5A



D0F2CE



BAB45A



667A64



FAFAFA



7A7A7A

Same Dimension

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



60BA5A



65F25C



5ABA84



535C53



0A9C00



021C00

Inverse Universe

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



B45ABA



E95CF2



BA5A90



5B535C



92009C



1A001C

Previews

White Background



This preview shows how the Hex color 60BA5A looks on a white background.

Color Contrast Check

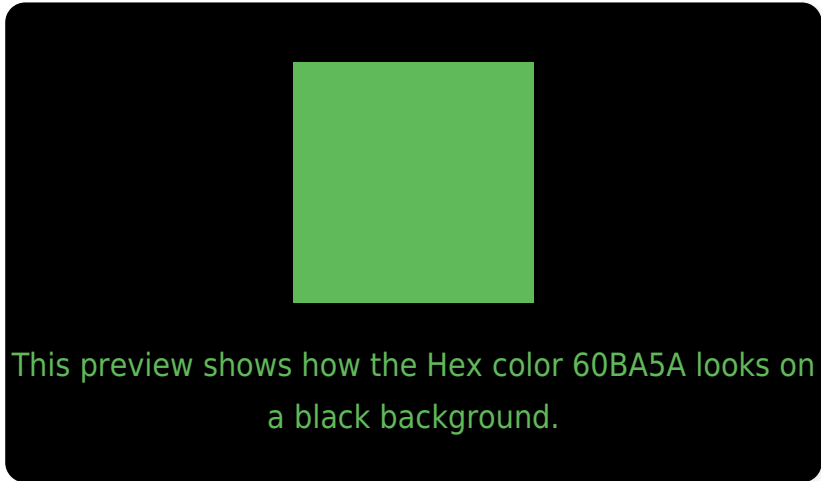
Large Text (above 18pt) WCAG AA × Fail

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

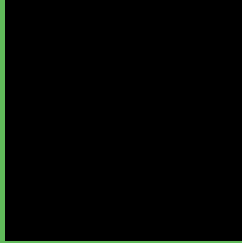
Any Text WCAG AA ✓ Pass

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 60BA5A Background



This preview shows how black text looks on a background with the Hex color 60BA5A.

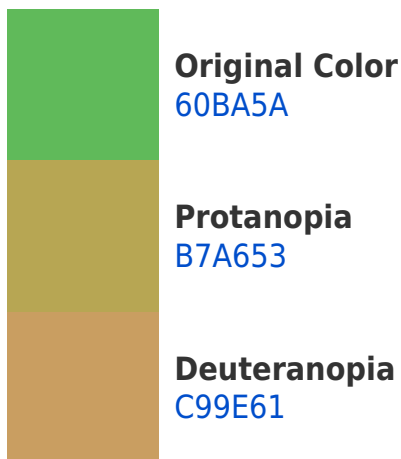


This preview shows how white text looks on a background with the Hex color 60BA5A.

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](#).

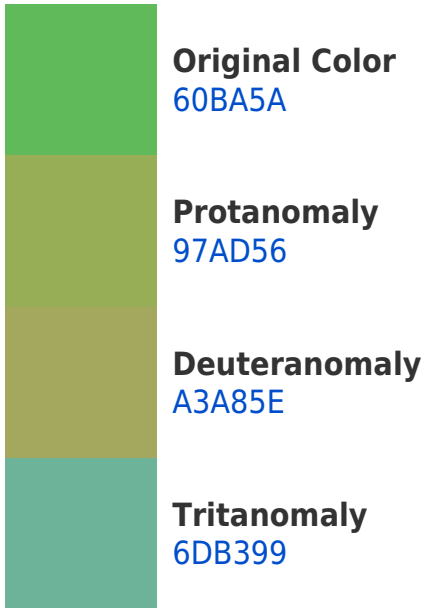
Dichromacy



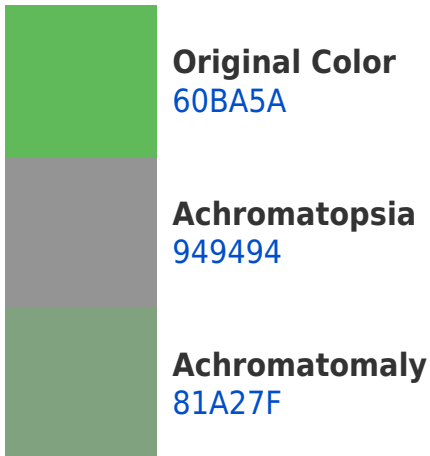


Tritanopia
74AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60BA5A 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 #60BA5A looks like.

```
.text, #text, p{  
    color:#60BA5A  
}
```

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 #60BA5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BA5A
}
```

Border

The CSS property to change the border of an element to Hex 60BA5A 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
#60BA5A }
```

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

```
.border{ border-color:#60BA5A }
```

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

Here you see how a box with a 4 pixel #60BA5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BA5A; -webkit-box-shadow:4px 4px  
4px 4px #60BA5A; box-shadow:4px 4px 4px  
4px #60BA5A }
```

Background

The CSS property to change the background color of an element to Hex 60BA5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BA5A }
```

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

```
.background{ background-color:#60BA5A }
```

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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