

Converting Colors

Hex(60A74A)

Have a look what the booklet for
Hex(60A74A) contains.

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Color

Hex(60A74A)

Conversions

Conversions Part 1

Format	Color
Hex	60A74A
RGB	96, 167, 74
RGB Percent	38%, 65%, 29%
CMY	0.6235, 0.3451, 0.7098
CMYK	0.43, 0.00, 0.56, 0.35
HSL	106°, 39%, 47%
HSV	106°, 56%, 65%
XYZ	19.8786, 30.6186, 11.3408
YIQ	135.1690, -12.4630, -43.9750

Conversions

Conversions Part 2

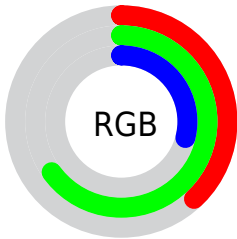
Format	Color
RYB	74, 167, 145
Decimal	6334282
CIELab	62.18, -40.21, 40.70
CIELCh	62, 57.213, 134.652
Yxy	30.6186, 0.3215, 0.4951
Android (android.graphics.Color)	4284524362 (0xFF60A74A)
YUV	135.1690, -30.1563, -34.3512
Hunter-Lab	55.3341, -32.7091, 26.5823

Details

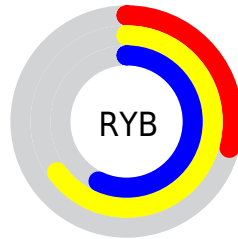
The Hex color **60A74A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **914AA7**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **97DF7D**, and **297217** is the 20% darker color. If you saturate the color by 10%, you get **53A739**, and if you desaturate by 10%, it is **6DA75B**.

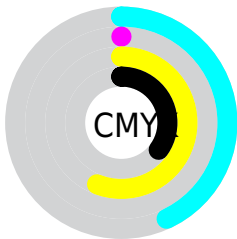
Distribution



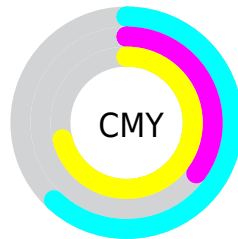
- Red (38%)
- Green (65%)
- Blue (29%)



- Red (29%)
- Yellow (65%)
- Blue (57%)



- Cyan (43%)
- Magenta (0%)
- Yellow (56%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60A74A 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 60A74A by changing the saturation by 10% instead.

 60A74A

 60A74A


FFFFFF

 458C31

 97DF7D

 297217

 B3FC98

 015900

 CFFFB3

 004100

 ECFFCF

 002B00

 FFFFEC

 000E00

 000000

 60A74A

 60A74A

 53A739

 6DA75B

 47A729

 79A76B

 3AA718

 86A77C

 2DA707

 93A78D

 28A700

 A0A79D

 ACA7AE

 B9A7BF

 C6A7D0

 D3A7E0

Harmonies

Analogous

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



9A9B2B



60A74A



00AD7A

Triad

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



60A74A



00A3F8



F3687F

Complementary

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



60A74A



914AA7

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.



E56CB3



60A74A



6693F9

Square

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



60A74A



00ACDD



B97EDF



E77651

Rectangle

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



60A74A



00AF9D



B97EDF



F26790

Sweetspot

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



60A74A



BDD9B4



A7904A



5D6E58



EDEDED



6E6E6E

Same Dimension

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



60A74A



6AD948



4AA761



4E544C



239400



051400

Inverse Universe

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



914AA7



B648D9



A74A90



524C54



710094



100014

Previews

White Background



This preview shows how the Hex color 60A74A looks on a white background.

Color Contrast Check

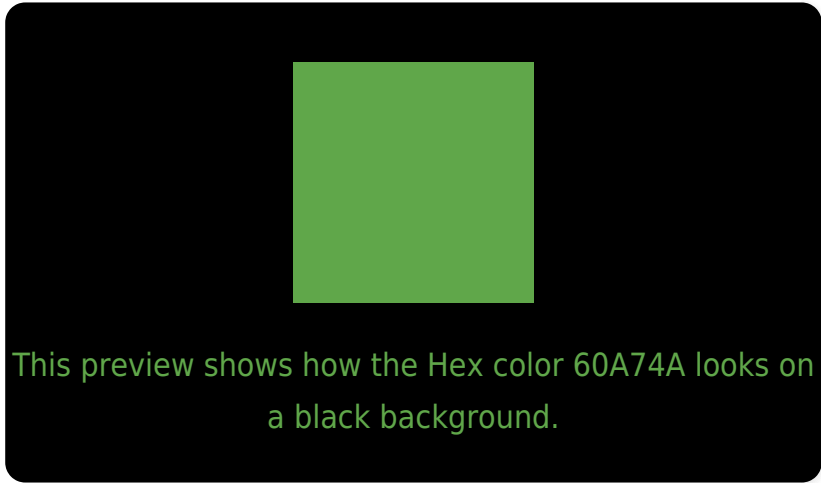
Large Text (above 18pt) WCAG AA × Fail

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 60A74A Background



This preview shows how black text looks on a background with the Hex color 60A74A.

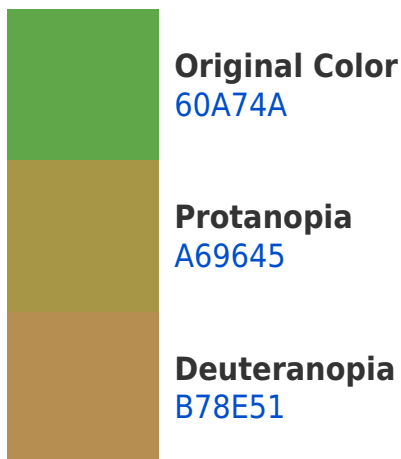


This preview shows how white text looks on a background with the Hex color 60A74A.

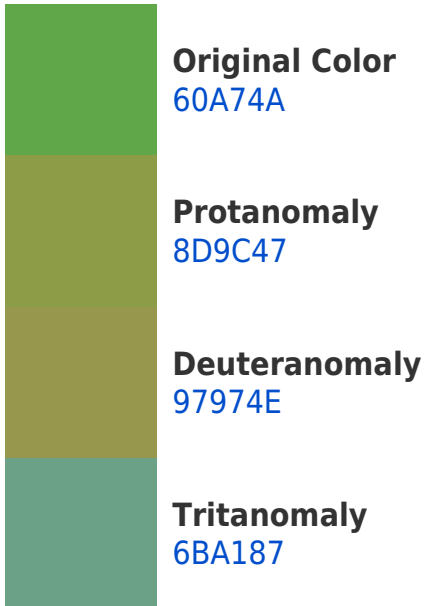
Color Blindness Simulation

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](#).

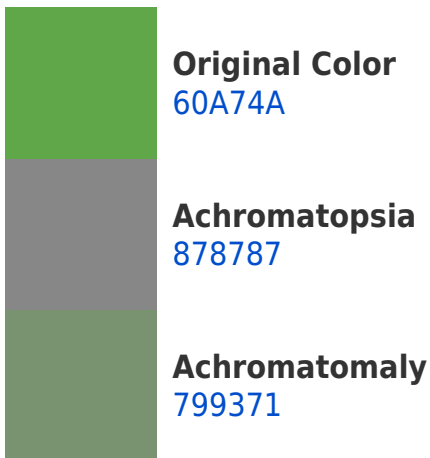
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60A74A 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 #60A74A looks like.

```
.text, #text, p{  
    color:#60A74A  
}
```

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 #60A74A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A74A
}
```

Border

The CSS property to change the border of an element to Hex 60A74A 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
#60A74A }
```

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

```
.border{ border-color:#60A74A }
```

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

Here you see how a box with a 4 pixel #60A74A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A74A; -webkit-box-shadow:4px 4px  
4px 4px #60A74A; box-shadow:4px 4px 4px  
4px #60A74A }
```

Background

The CSS property to change the background color of an element to Hex 60A74A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A74A }
```

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

```
.background{ background-color:#60A74A }
```

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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