

Converting Colors

Hex(60A74E)

Have a look what the booklet for
Hex(60A74E) contains.

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Color

Hex(60A74E)

Conversions

Conversions Part 1

Format	Color
Hex	60A74E
RGB	96, 167, 78
RGB Percent	38%, 65%, 31%
CMY	0.6235, 0.3451, 0.6941
CMYK	0.43, 0.00, 0.53, 0.35
HSL	108°, 36%, 48%
HSV	108°, 53%, 65%
XYZ	20.0177, 30.6743, 12.0734
YIQ	135.6250, -13.7470, -42.7310

Conversions

Conversions Part 2

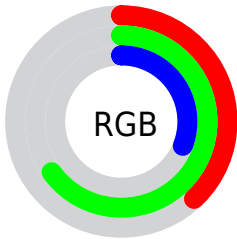
Format	Color
RYB	78, 167, 149
Decimal	6334286
CIELab	62.23, -39.72, 38.80
CIELCh	62, 55.526, 135.675
Yxy	30.6743, 0.3189, 0.4887
Android (android.graphics.Color)	4284524366 (0xFF60A74E)
YUV	135.6250, -28.4091, -34.7511
Hunter-Lab	55.3844, -32.4069, 25.8442

Details

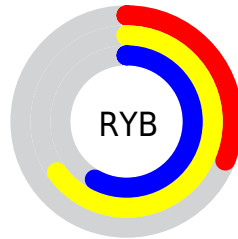
The Hex color **60A74E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **954EA7**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **97DF81**, and **29721C** is the 20% darker color. If you saturate the color by 10%, you get **53A73D**, and if you desaturate by 10%, it is **6DA75F**.

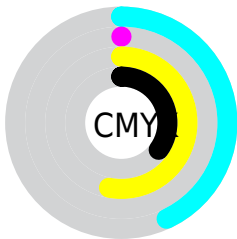
Distribution



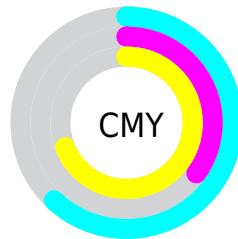
- Red (38%)
- Green (65%)
- Blue (31%)



- Red (31%)
- Yellow (65%)
- Blue (58%)



- Cyan (43%)
- Magenta (0%)
- Yellow (53%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60A74E 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 60A74E by changing the saturation by 10% instead.



60A74E



60A74E

FFFFFF



458C35



97DF81



29721C



B2FC9C



035900



CFFFB7



004100



ECFFD3



002B00



FFFFFF0



000F00



000000



60A74E



60A74E



53A73D



6DA75F

■ 45A72D

■ 7BA76F

■ 38A71C

■ 88A780

■ 2BA70B

■ 95A791

■ 22A700

■ A3A7A1

■ B0A7B2

■ BDA7C3

■ CBA7D4

■ D8A7E4

Harmonies

Analogous

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



989C30



60A74E



00AD7C

Triad

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



60A74E



00A3F6



F16B7F

Complementary

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



60A74E



954EA7

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.



E46DB0



60A74E



6D93F5

Square

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



60A74E



00ABDC



BA7FDC



E57852

Rectangle

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



60A74E



00AE9F



BA7FDC



F0698F

Sweetspot

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



60A74E



BDD9B6



A7944E



5D6E59



EDEDED



6E6E6E

Same Dimension

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



60A74E



6AD94E



4EA767



4D544C



1E9400



041400

Inverse Universe

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



954EA7



BD4ED9



A74E8E



524C54



760094



100014

Previews

White Background



This preview shows how the Hex color 60A74E looks on a white background.

Color Contrast Check

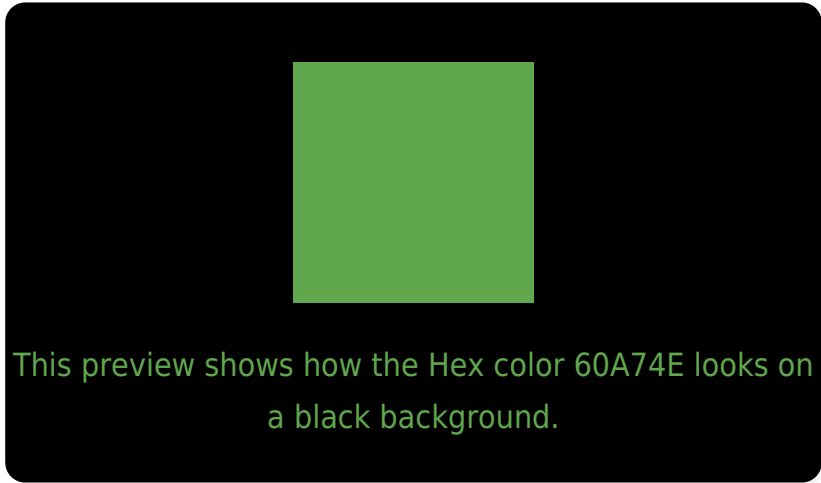
Large Text (above 18pt) WCAG AA × Fail

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

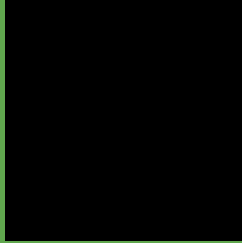
Any Text WCAG AA ✓ Pass

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 60A74E Background



This preview shows how black text looks on a background with the Hex color 60A74E.

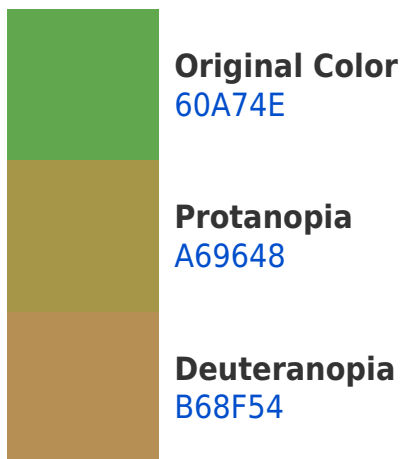


This preview shows how white text looks on a background with the Hex color 60A74E.

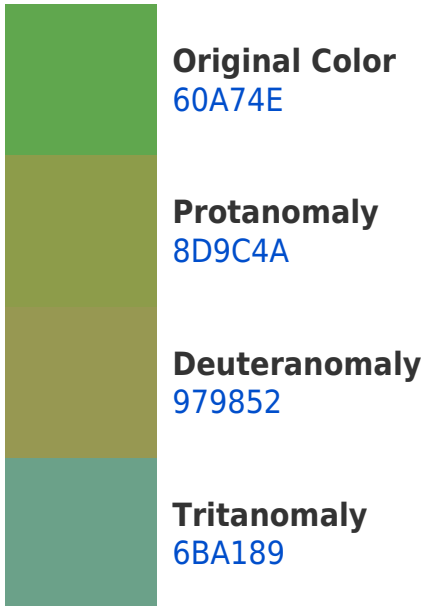
Color Blindness Simulation

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 60A74E 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 #60A74E looks like.

```
.text, #text, p{  
    color:#60A74E  
}
```

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 #60A74E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A74E
}
```

Border

The CSS property to change the border of an element to Hex 60A74E 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
#60A74E }
```

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

```
.border{ border-color:#60A74E }
```

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

Here you see how a box with a 4 pixel #60A74E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A74E; -webkit-box-shadow:4px 4px  
4px 4px #60A74E; box-shadow:4px 4px 4px  
4px #60A74E }
```

Background

The CSS property to change the background color of an element to Hex 60A74E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A74E }
```

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

```
.background{ background-color:#60A74E }
```

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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