

Converting Colors

Hex(61A646)

Have a look what the booklet for
Hex(61A646) contains.

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Color

Hex(61A646)

Conversions

Conversions Part 1

Format	Color
Hex	61A646
RGB	97, 166, 70
RGB Percent	38%, 65%, 27%
CMY	0.6196, 0.3490, 0.7255
CMYK	0.42, 0.00, 0.58, 0.35
HSL	103°, 41%, 46%
HSV	103°, 58%, 65%
XYZ	19.6715, 30.2560, 10.5976
YIQ	134.4250, -10.3080, -44.4840

Conversions

Conversions Part 2

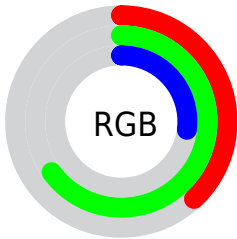
Format	Color
RYB	70, 166, 139
Decimal	6399558
CIELab	61.87, -39.91, 42.27
CIElCh	62, 58.132, 133.355
Yxy	30.2560, 0.3250, 0.4999
Android (android.graphics.Color)	4284589638 (0xFF61A646)
YUV	134.4250, -31.7615, -32.8217
Hunter-Lab	55.0055, -32.4231, 27.0808

Details

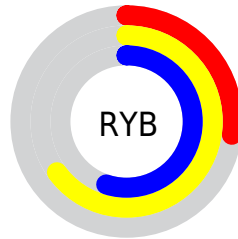
The Hex color **61A646** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8B46A6**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **98DE79**, and **2A7112** is the 20% darker color. If you saturate the color by 10%, you get **55A635**, and if you desaturate by 10%, it is **6DA657**.

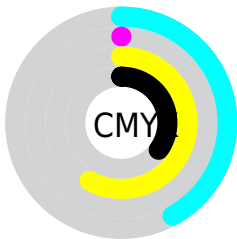
Distribution



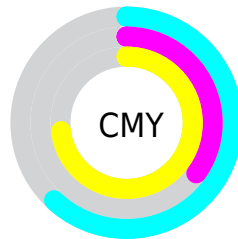
- Red (38%)
- Green (65%)
- Blue (27%)



- Red (27%)
- Yellow (65%)
- Blue (55%)



- Cyan (42%)
- Magenta (0%)
- Yellow (58%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61A646 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 61A646 by changing the saturation by 10% instead.

 61A646

 61A646

FFFFFF

 468B2D

 98DE79

 2A7112

 B4FA94

 045800

 D0FFAF

 004000

 EDFFCB

 002A00

 FFFFE8

 000D00

 000000

 61A646

 61A646

 55A635

 6DA657

 49A625

 79A667

 3DA614

 85A678

 31A604

 91A688

 2FA600

 9DA699

 A9A6AA

 B5A6BA

 C0A6CB

 CCA6DB

Harmonies

Analogous

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



9B9A27



61A646



00AC76

Triad

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



61A646



00A3F8



F46680

Complementary

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



61A646



8B46A6

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.



E46AB4



61A646



5E93FA

Square

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



61A646



00ACDB



B67EE1



E87451

Rectangle

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



61A646



00AE9A



B67EE1



F26592

Sweetspot

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



61A646



BED9B4



A68B46



5E6E58



EDEDED



6E6E6E

Same Dimension

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



61A646



6DD943



46A65B



4E544C



2A9400



061400

Inverse Universe

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



8B46A6



AF43D9



A64691



524C54



6A0094



0F0014

Previews

White Background



This preview shows how the Hex color 61A646 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 61A646 Background



This preview shows how black text looks on a background with the Hex color 61A646.



This preview shows how white text looks on a background with the Hex color 61A646.

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



Original Color
61A646

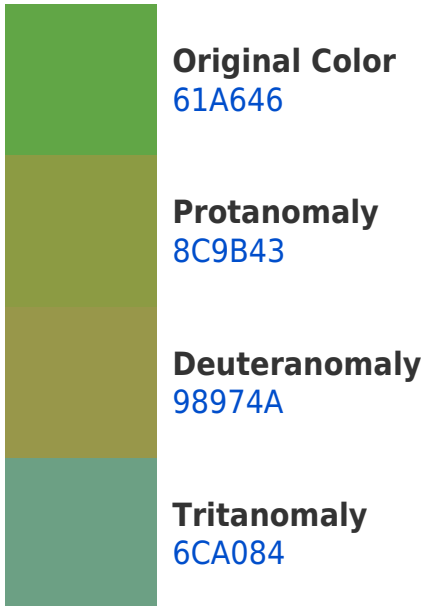
Protanopia
A59541

Deuteranopia
B78E4D

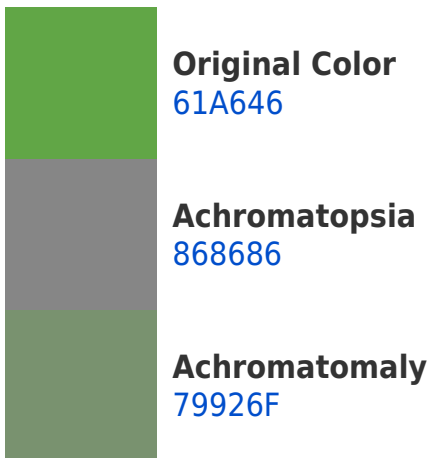


Tritanopia
729CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61A646 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 #61A646 looks like.

```
.text, #text, p{  
    color:#61A646  
}
```

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 #61A646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A646
}
```

Border

The CSS property to change the border of an element to Hex 61A646 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
#61A646 }
```

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

```
.border{ border-color:#61A646 }
```

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

Here you see how a box with a 4 pixel #61A646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A646; -webkit-box-shadow:4px 4px  
4px 4px #61A646; box-shadow:4px 4px 4px  
4px #61A646 }
```

Background

The CSS property to change the background color of an element to Hex 61A646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A646 }
```

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

```
.background{ background-color:#61A646 }
```

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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