

Converting Colors

Hex(61A945)

Have a look what the booklet for
Hex(61A945) contains.

Hex(61A945)	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(61A945)

Conversions

Conversions Part 1

Format	Color
Hex	61A945
RGB	97, 169, 69
RGB Percent	38%, 66%, 27%
CMY	0.6196, 0.3373, 0.7294
CMYK	0.43, 0.00, 0.59, 0.34
HSL	103°, 42%, 47%
HSV	103°, 59%, 66%
XYZ	20.1919, 31.3470, 10.6166
YIQ	136.0720, -10.8120, -46.3640

Conversions

Conversions Part 2

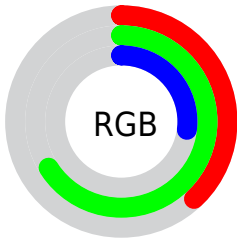
Format	Color
RYB	69, 169, 141
Decimal	6400325
CIELab	62.80, -41.31, 43.81
CIELCh	63, 60.213, 133.319
Yxy	31.3470, 0.3249, 0.5043
Android (android.graphics.Color)	4284590405 (0xFF61A945)
YUV	136.0720, -33.0665, -34.2661
Hunter-Lab	55.9884, -33.6046, 27.9492

Details

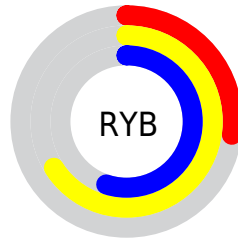
The Hex color **61A945** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8D45A9**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **98E178**, and **29740F** is the 20% darker color. If you saturate the color by 10%, you get **55A934**, and if you desaturate by 10%, it is **6DA956**.

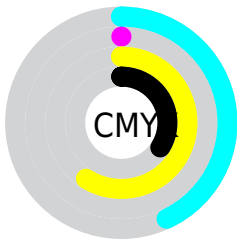
Distribution



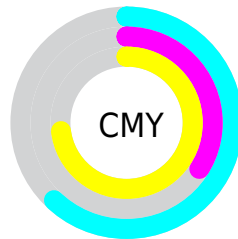
- Red (38%)
- Green (66%)
- Blue (27%)



- Red (27%)
- Yellow (66%)
- Blue (55%)



- Cyan (43%)
- Magenta (0%)
- Yellow (59%)
- Black (34%)



- Cyan (62%)
- Magenta (34%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61A945 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 61A945 by changing the saturation by 10% instead.

 61A945

 61A945

FFFFFF

 468E2C

 98E178

 29740F

 B4FE93

 005B00

 D1FFAE

 004300

 EEFFCA

 002C00

 FFFFE7

 001100

 000000

 61A945

 61A945

 55A934

 6DA956

■ 49A923

■ 79A967

■ 3CA912

■ 86A978

■ 30A901

■ 92A989

■ 2FA900

■ 9EA999

■ AAA9AA

■ B6A9BB

■ C2A9CC

■ CFA9DD

Harmonies

Analogous

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



9D9D23



61A945



00B077

Triad

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



61A945



00A6FE



F96682

Complementary

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



61A945



8D45A9

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.



EA6BB8



61A945



5C96FF

Square

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



61A945



00AFE0



B97FE6



ED7551

Rectangle

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



61A945



00B19C



B97FE6



F86594

Sweetspot

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



61A945



BFDBB4



A98D45



5C6E56



EDEDED



6E6E6E

Same Dimension

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



61A945



6BDB40



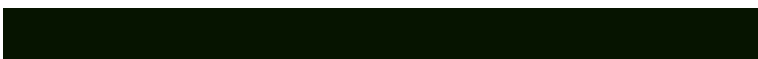
45A95B



4E544C



299400



061400

Inverse Universe

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



8D45A9



B040DB



A94593



524C54



6A0094



0F0014

Previews

White Background



This preview shows how the Hex color 61A945 looks on a white background.

Color Contrast Check

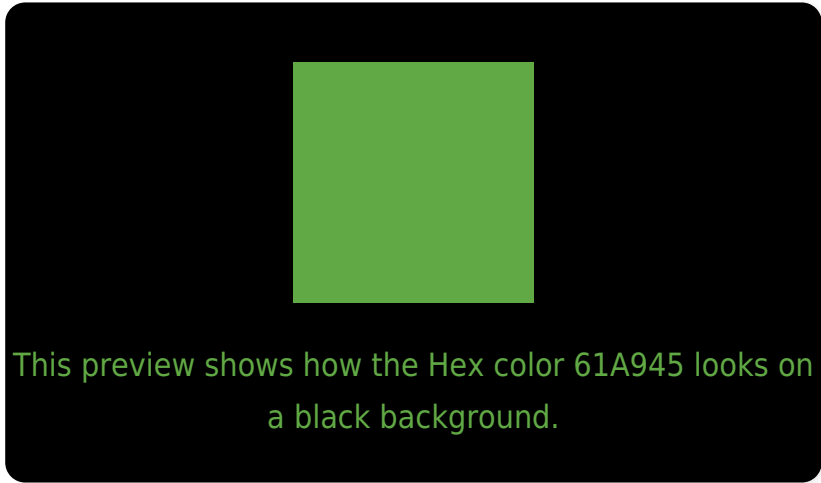
Large Text (above 18pt) WCAG AA × Fail

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 61A945 Background



This preview shows how black text looks on a background with the Hex color 61A945.



This preview shows how white text looks on a background with the Hex color 61A945.

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
61A945

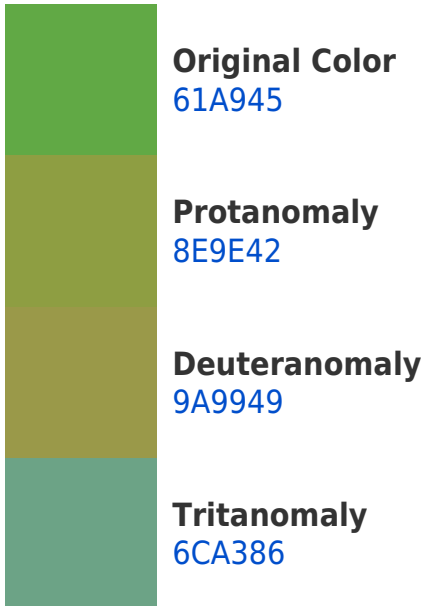
Protanopia
A89740

Deuteranopia
BA904C



Tritanopia
739FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61A945 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 #61A945 looks like.

```
.text, #text, p{  
    color:#61A945  
}
```

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 #61A945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A945
}
```

Border

The CSS property to change the border of an element to Hex 61A945 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
#61A945 }
```

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

```
.border{ border-color:#61A945 }
```

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

Here you see how a box with a 4 pixel #61A945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A945; -webkit-box-shadow:4px 4px  
4px 4px #61A945; box-shadow:4px 4px 4px  
4px #61A945 }
```

Background

The CSS property to change the background color of an element to Hex 61A945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A945 }
```

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

```
.background{ background-color:#61A945 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor