

Converting Colors

Hex(64A55A)

Have a look what the booklet for
Hex(64A55A) contains.

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Color

Hex(64A55A)

Conversions

Conversions Part 1

Format	Color
Hex	64A55A
RGB	100, 165, 90
RGB Percent	39%, 65%, 35%
CMY	0.6078, 0.3529, 0.6471
CMYK	0.39, 0.00, 0.45, 0.35
HSL	112°, 29%, 50%
HSV	112°, 45%, 65%
XYZ	20.5561, 30.3578, 14.4491
YIQ	137.0150, -14.6650, -37.1050

Conversions

Conversions Part 2

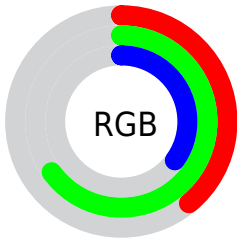
Format	Color
RYB	90, 165, 155
Decimal	6595930
CIELab	61.96, -35.92, 32.40
CIELCh	62, 48.372, 137.943
Yxy	30.3578, 0.3145, 0.4644
Android (android.graphics.Color)	4284786010 (0xFF64A55A)
YUV	137.0150, -23.1784, -32.4622
Hunter-Lab	55.0979, -29.8259, 23.0201

Details

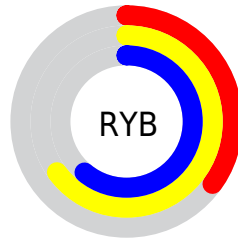
The Hex color **64A55A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B5AA5**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9ADC8D**, and **2F712A** is the 20% darker color. If you saturate the color by 10%, you get **56A54A**, and if you desaturate by 10%, it is **72A56A**.

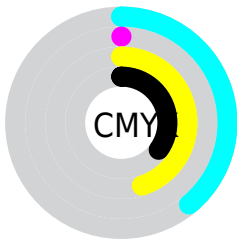
Distribution



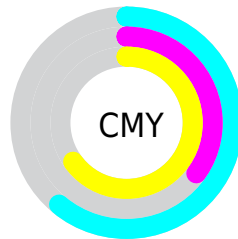
- Red (39%)
- Green (65%)
- Blue (35%)



- Red (35%)
- Yellow (65%)
- Blue (61%)



- Cyan (39%)
- Magenta (0%)
- Yellow (45%)
- Black (35%)



- Cyan (61%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A55A 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 64A55A by changing the saturation by 10% instead.



64A55A



64A55A

FFFFFF



4A8A42



9ADC8D



2F712A



B6F9A8



115812



D2FFC4



004000



EFFFE0



002900

FFFFFFD



000D00



000000



64A55A



64A55A



56A54A



72A56A

 47A539

 81A57B

 39A529

 8FA58B

 2BA518

 9DA59C

 1CA507

 ABA5AC

 16A500

 BAA5BD

 C8A5CE

 D6A5DE

 E5A5EE

Harmonies

Analogous

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



959B40



64A55A



00AA82

Triad

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



64A55A



009FE9



E6727E

Complementary

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



64A55A



9B5AA5

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.



DC73A9



64A55A



7B91E7

Square

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



64A55A



00A8D4



B980D0



DA7D58

Rectangle

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



64A55A



00ABA0



B980D0



E5718C

Sweetspot

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



64A55A



BCD6B8



A59B5A



5B6B59



EBEBEB



6B6B6B

Same Dimension

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



64A55A



70D660



5AA576



4B5249



139100



021200

Inverse Universe

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



9B5AA5



C660D6



A55A89



514952



7E0091



0F0012

Previews

White Background



This preview shows how the Hex color 64A55A looks on a white background.

Color Contrast Check

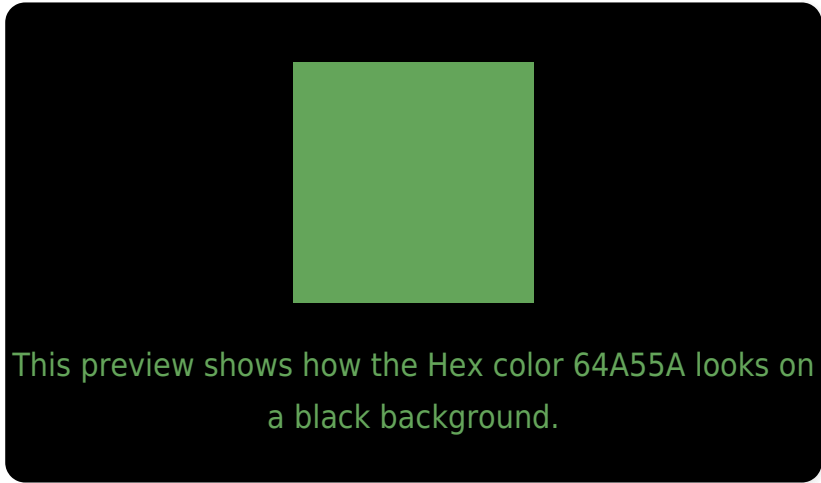
Large Text (above 18pt) WCAG AA × Fail

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 64A55A Background



This preview shows how black text looks on a background with the Hex color 64A55A.

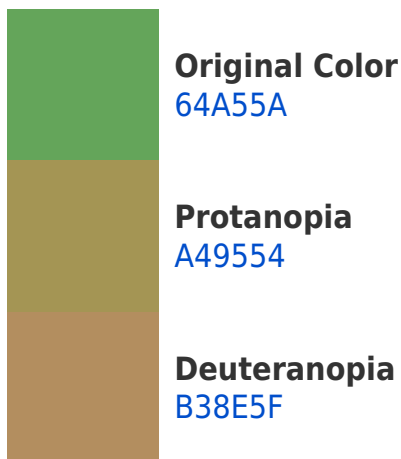


This preview shows how white text looks on a background with the Hex color 64A55A.

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](#).

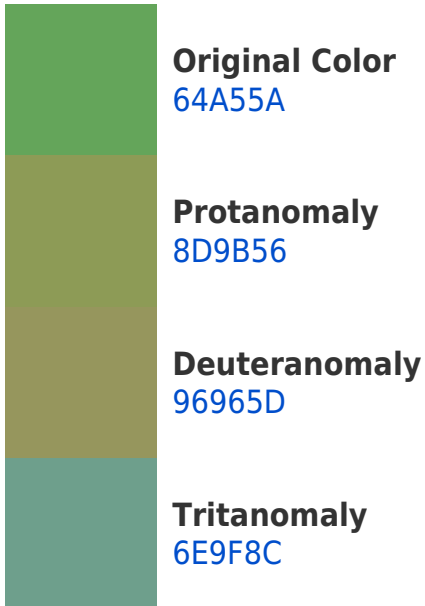
Dichromacy



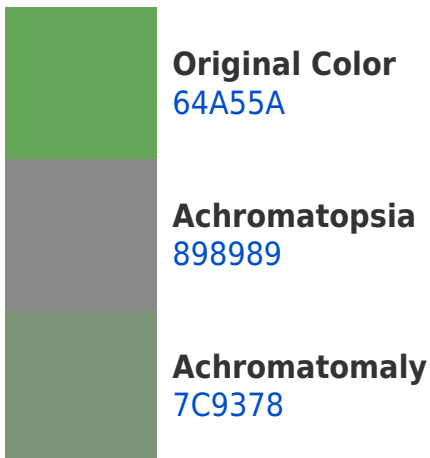


Tritanopia
739CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A55A 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 #64A55A looks like.

```
.text, #text, p{  
    color:#64A55A  
}
```

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 #64A55A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A55A
}
```

Border

The CSS property to change the border of an element to Hex 64A55A 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
#64A55A }
```

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

```
.border{ border-color:#64A55A }
```

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

Here you see how a box with a 4 pixel #64A55A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A55A; -webkit-box-shadow:4px 4px  
4px 4px #64A55A; box-shadow:4px 4px 4px  
4px #64A55A }
```

Background

The CSS property to change the background color of an element to Hex 64A55A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A55A }
```

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

```
.background{ background-color:#64A55A }
```

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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