

Converting Colors

Hex(64AE52)

Have a look what the booklet for
Hex(64AE52) contains.

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Color

Hex(64AE52)

Conversions

Conversions Part 1

Format	Color
Hex	64AE52
RGB	100, 174, 82
RGB Percent	39%, 68%, 32%
CMY	0.6078, 0.3176, 0.6784
CMYK	0.43, 0.00, 0.53, 0.32
HSL	108°, 36%, 50%
HSV	108°, 53%, 68%
XYZ	21.9146, 33.5906, 13.3113
YIQ	141.3860, -14.5720, -44.3000

Conversions

Conversions Part 2

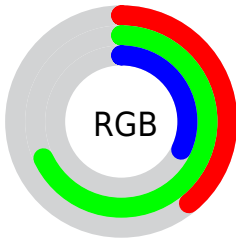
Format	Color
RYB	82, 174, 156
Decimal	6598226
CIELab	64.64, -40.97, 39.77
CIELCh	65, 57.098, 135.856
Yxy	33.5906, 0.3184, 0.4881
Android (android.graphics.Color)	4284788306 (0xFF64AE52)
YUV	141.3860, -29.2773, -36.2955
Hunter-Lab	57.9574, -33.9319, 26.9529

Details

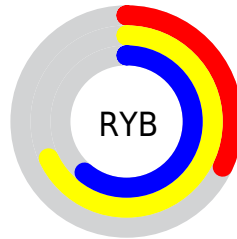
The Hex color **64AE52** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9C52AE**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9BE686**, and **2D7920** is the 20% darker color. If you saturate the color by 10%, you get **56AE41**, and if you desaturate by 10%, it is **72AE63**.

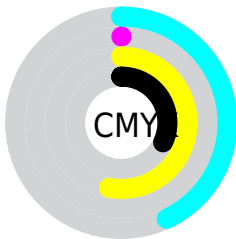
Distribution



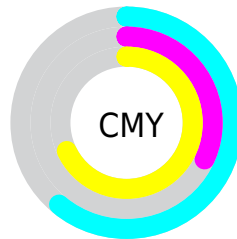
- Red (39%)
- Green (68%)
- Blue (32%)



- Red (32%)
- Yellow (68%)
- Blue (61%)



- Cyan (43%)
- Magenta (0%)
- Yellow (53%)
- Black (32%)



- Cyan (61%)
- Magenta (32%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64AE52 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 64AE52 by changing the saturation by 10% instead.



64AE52



64AE52

FFFFFF



499339



9BE686



2D7920



B7FFA0



075F03



D4FFBC



004700



F1FFD8



003000



FFFFFF5



001900



000000



64AE52



64AE52



56AE41



72AE63

 48AE2F

 80AE75

 3AAE1E

 8EAE86

 2CAE0C

 9CAE98

 22AE00

 AAAEA9

 B8AEBA

 C6AECC

 D4AEDD

 E2AEFF

Harmonies

Analogous

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



9FA333



64AE52



00B482

Triad

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



64AE52



00A9FF



FB6F84

Complementary

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



64AE52



9C52AE

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.



EE72B7



64AE52



7299FF

Square

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



64AE52



00B3E5



C284E4



EE7E55

Rectangle

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



64AE52



00B6A6



C284E4



FA6E95

Sweetspot

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



64AE52



C6E3BF



AE9C52



61735D



F2F2F2



737373

Same Dimension

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



64AE52



70E354



52AE6E



50574E



1D9600



041700

Inverse Universe

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



9C52AE



C754E3



AE5292



554E57



790096



120017

Previews

White Background



This preview shows how the Hex color 64AE52 looks on a white background.

Color Contrast Check

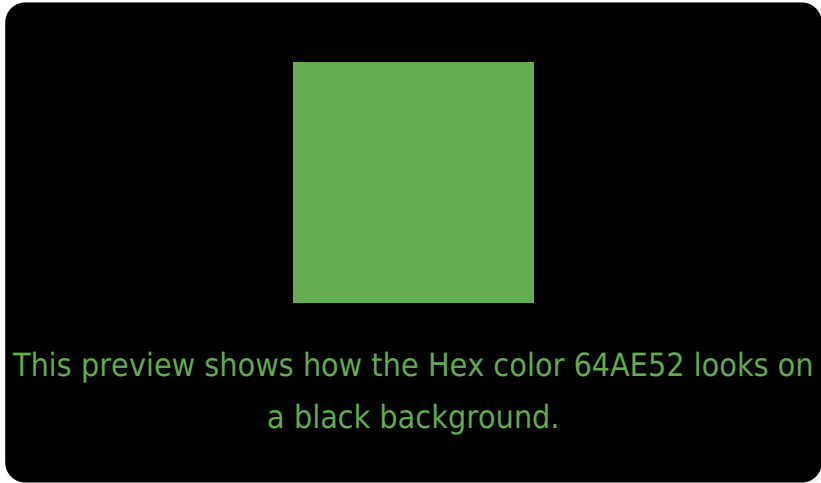
Large Text (above 18pt) WCAG AA × Fail

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

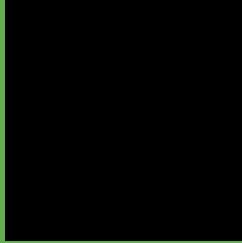
Any Text WCAG AA ✓ Pass

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 64AE52 Background



This preview shows how black text looks on a background with the Hex color 64AE52.



This preview shows how white text looks on a background with the Hex color 64AE52.

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
64AE52

Protanopia
AD9C4C

Deuteranopia
BE9559



Tritanopia
75A4B1

Trichromacy



Original Color

64AE52



Protanomaly

92A34E



Deuteranomaly

9D9E56



Tritanomaly

6FA88E

Monochromacy



Original Color

64AE52



Achromatopsia

8D8D8D



Achromatomaly

7E9978

CSS Examples

Text

The CSS property to change the color of the text to Hex 64AE52 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 #64AE52 looks like.

```
.text, #text, p{  
    color:#64AE52  
}
```

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 #64AE52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64AE52
}
```

Border

The CSS property to change the border of an element to Hex 64AE52 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
#64AE52 }
```

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

```
.border{ border-color:#64AE52 }
```

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

Here you see how a box with a 4 pixel #64AE52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64AE52; -webkit-box-shadow:4px 4px  
4px 4px #64AE52; box-shadow:4px 4px 4px  
4px #64AE52 }
```

Background

The CSS property to change the background color of an element to Hex 64AE52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64AE52 }
```

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

```
.background{ background-color:#64AE52 }
```

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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