

Converting Colors

Hex(49A262)

Have a look what the booklet for
Hex(49A262) contains.

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Color

Hex(49A262)

Conversions

Conversions Part 1

Format	Color
Hex	49A262
RGB	73, 162, 98
RGB Percent	29%, 64%, 38%
CMY	0.7137, 0.3647, 0.6157
CMYK	0.55, 0.00, 0.40, 0.36
HSL	137°, 38%, 46%
HSV	137°, 55%, 64%
XYZ	17.8726, 28.1390, 16.0447
YIQ	128.0930, -32.5000, -38.7720

Conversions

Conversions Part 2

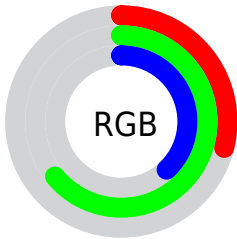
Format	Color
RYB	73, 142, 162
Decimal	4825698
CIELab	60.01, -41.19, 25.42
CIElCh	60, 48.406, 148.321
Yxy	28.1390, 0.2880, 0.4534
Android (android.graphics.Color)	4283015778 (0xFF49A262)
YUV	128.0930, -14.8358, -48.3166
Hunter-Lab	53.0462, -32.6897, 19.1991

Details

The Hex color **49A262** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A24989**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **80DA95**, and **016D32** is the 20% darker color. If you saturate the color by 10%, you get **39A256**, and if you desaturate by 10%, it is **59A26E**.

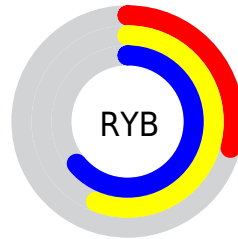
Distribution



Red (29%)

Green (64%)

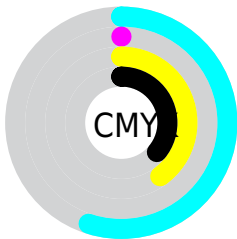
Blue (38%)



Red (29%)

Yellow (56%)

Blue (64%)

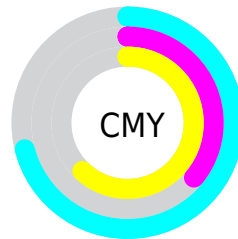


Cyan (55%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (71%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A262 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 49A262 by changing the saturation by 10% instead.



49A262



49A262

FFFFFF



2C874A



80DA95



016D32



9CF6B0



00541C



B8FFCC



003C04



D5FFE8



002700



F2FFFF



000000



49A262



49A262



39A256



59A26E



29A24B



69A279

 18A23F

 7AA285

 08A233

 8AA291

 00A22E

 9AA29C

 AAA2A8

 BAA2B4

 CBA2BF

 DBA2CB

Harmonies

Analogous

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



809A42



49A262



00A68D

Triad

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



49A262



3196E6



DE706B

Complementary

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



49A262



A24989

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.



DD6C95



49A262



8F86DC

Square

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



49A262



00A0D8



C376BE



CC7E48

Rectangle

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



49A262



00A6AA



C376BE



E06D78

Sweetspot

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



49A262



B2D4BB



8AA249



576B5C



EBEBEB



6B6B6B

Same Dimension

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



49A262



48D46F



49A28D



49524C



009129



001205

Inverse Universe

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



A24989



D448AC



A2495E



52494F



910069



12000D

Previews

White Background



This preview shows how the Hex color 49A262 looks on a white background.

Color Contrast Check

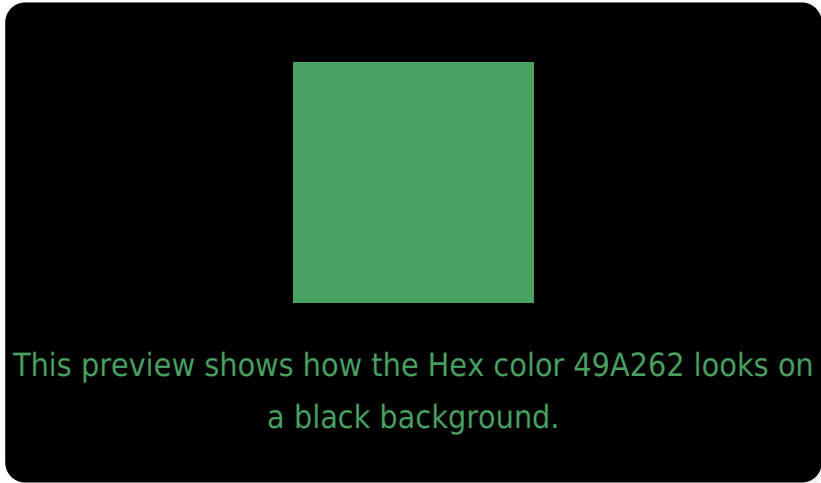
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 49A262 Background



This preview shows how black text looks on a background with the Hex color 49A262.

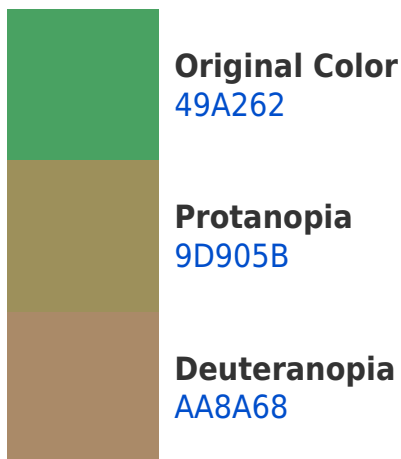


This preview shows how white text looks on a background with the Hex color 49A262.

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
5B9AA6

Trichromacy



Original Color

49A262



Protanomaly

7E975E



Deuteranomaly

879366



Tritanomaly

549D8D

Monochromacy



Original Color

49A262



Achromatopsia

808080



Achromatomaly

6C8C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 49A262 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 #49A262 looks like.

```
.text, #text, p{  
    color:#49A262  
}
```

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 #49A262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A262
}
```

Border

The CSS property to change the border of an element to Hex 49A262 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
#49A262 }
```

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

```
.border{ border-color:#49A262 }
```

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

Here you see how a box with a 4 pixel #49A262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A262; -webkit-box-shadow:4px 4px  
4px 4px #49A262; box-shadow:4px 4px 4px  
4px #49A262 }
```

Background

The CSS property to change the background color of an element to Hex 49A262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A262 }
```

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

```
.background{ background-color:#49A262 }
```

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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