

Converting Colors

Hex(49A278)

Have a look what the booklet for
Hex(49A278) contains.

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Color

Hex(49A278)

Conversions

Conversions Part 1

Format	Color
Hex	49A278
RGB	73, 162, 120
RGB Percent	29%, 64%, 47%
CMY	0.7137, 0.3647, 0.5294
CMYK	0.55, 0.00, 0.26, 0.36
HSL	152°, 38%, 46%
HSV	152°, 55%, 64%
XYZ	19.0581, 28.6132, 22.2877
YIQ	130.6010, -39.5620, -31.9300

Conversions

Conversions Part 2

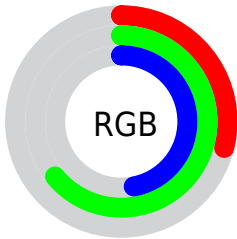
Format	Color
R_{YB}	73, 131, 162
Decimal	4825720
CIE _{Lab}	60.44, -36.83, 13.92
CIE _{LCh}	60, 39.370, 159.291
Yxy	28.6132, 0.2724, 0.4090
Android (android.graphics.Color)	4283015800 (0xFF49A278)
YUV	130.6010, -5.2263, -50.5161
Hunter-Lab	53.4913, -30.0129, 12.7401

Details

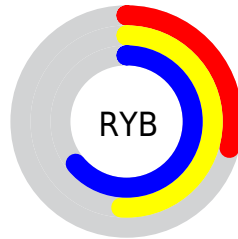
The Hex color **49A278** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A24973**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **80D9AC**, and **016E47** is the 20% darker color. If you saturate the color by 10%, you get **39A270**, and if you desaturate by 10%, it is **59A280**.

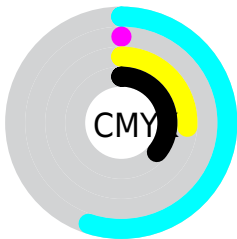
Distribution



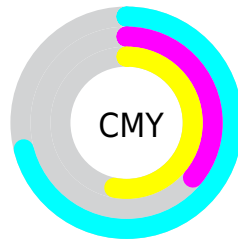
- Red (29%)
- Green (64%)
- Blue (47%)



- Red (29%)
- Yellow (51%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (26%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A278 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 49A278 by changing the saturation by 10% instead.



49A278



49A278

FFFFFF



2C875F



80D9AC



016E47



9CF6C8



005531



B8FFE4



003D1B



D5FFFF



002702



F2FFFF



000300



000000



49A278



49A278



39A270



59A280

 29A269

 69A287

 18A261

 7AA28F

 08A259

 8AA297

 00A256

 9AA29E

 AAA2A6

 BAA2AE

 CBA2B5

 DBA2BD

Harmonies

Analogous

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



779C5A



49A278



00A49C

Triad

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



49A278



6E92D6



CF7C67

Complementary

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



49A278



A24973

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.



D47688



49A278



A385C8

Square

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



49A278



189CD2



C579AB



BB8751

Rectangle

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



49A278



00A3B3



C579AB



D37972

Sweetspot

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



49A278



B2D4C4



74A249



576B61



EBEBEB



6B6B6B

Same Dimension

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



49A278



48D492



49A1A2



49524E



00914D



001209

Inverse Universe

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



A24973



D4488A



A24A49



52494D



910045



120008

Previews

White Background



This preview shows how the Hex color 49A278 looks on a white background.

Color Contrast Check

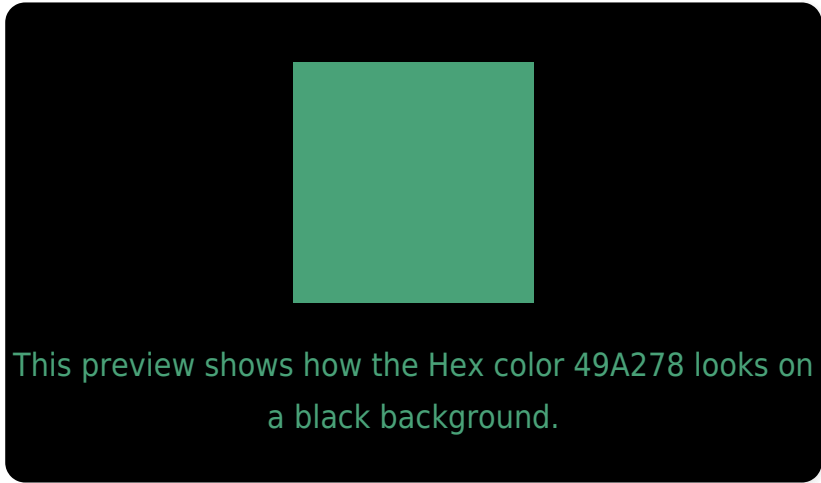
Large Text (above 18pt) WCAG AA ✓ Pass

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

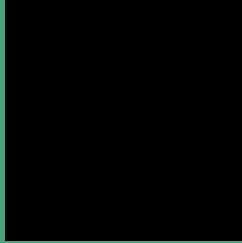
Any Text WCAG AA ✓ Pass

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 49A278 Background



This preview shows how black text looks on a background with the Hex color 49A278.



This preview shows how white text looks on a background with the Hex color 49A278.

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
579CA8

Trichromacy



Original Color
49A278



Protanomaly
7D9773



Deuteranomaly
84937B



Tritanomaly
529E97

Monochromacy



Original Color
49A278



Achromatopsia
838383



Achromatomaly
6E8E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 49A278 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 #49A278 looks like.

```
.text, #text, p{  
    color:#49A278  
}
```

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 #49A278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A278
}
```

Border

The CSS property to change the border of an element to Hex 49A278 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
#49A278 }
```

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

```
.border{ border-color:#49A278 }
```

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

Here you see how a box with a 4 pixel #49A278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A278; -webkit-box-shadow:4px 4px  
4px 4px #49A278; box-shadow:4px 4px 4px  
4px #49A278 }
```

Background

The CSS property to change the background color of an element to Hex 49A278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A278 }
```

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

```
.background{ background-color:#49A278 }
```

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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