

# Converting Colors

Hex(8DA273)

Have a look what the booklet for  
Hex(8DA273) contains.

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# **Color**

**Hex(8DA273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DA273
RGB	141, 162, 115
RGB Percent	55%, 64%, 45%
CMY	0.4471, 0.3647, 0.5490
CMYK	0.13, 0.00, 0.29, 0.36
HSL	87°, 20%, 54%
HSV	87°, 29%, 64%
XYZ	26.9993, 32.7412, 21.1163
YIQ	150.3630, 2.5710, -19.0690

# Conversions

## Conversions Part 2

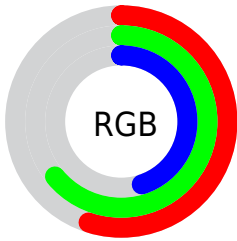
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 162, 136</a>
Decimal	<a href="#">9282163</a>
CIELab	<a href="#">63.95, -15.93, 22.08</a>
CIElCh	<a href="#">64, 27.229, 125.817</a>
Yxy	<a href="#">32.7412, 0.3339, 0.4049</a>
Android (android.graphics.Color)	<a href="#">4287472243 (0xFF8DA273)</a>
YUV	<a href="#">150.3630, -17.4340, -8.2114</a>
Hunter-Lab	<a href="#">57.2199, -15.9092, 18.1737</a>

# Details

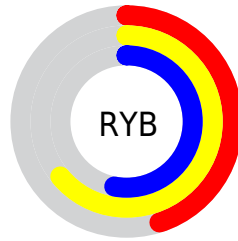
The Hex color **8DA273** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8873A2**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C3D9A7**, and **5A6E42** is the 20% darker color. If you saturate the color by 10%, you get **86A263**, and if you desaturate by 10%, it is **94A283**.

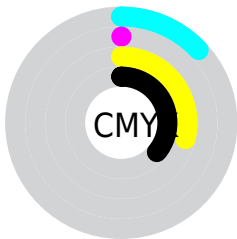
# Distribution



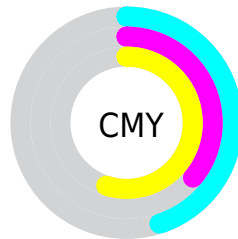
- Red (55%)
- Green (64%)
- Blue (45%)



- Red (45%)
- Yellow (64%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)
- Black (36%)



- Cyan (45%)
- Magenta (36%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DA273 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 8DA273 by changing the saturation by 10% instead.





8DA273



8DA273

FFFFFF



73885A



C3D9A7



5A6E42



DFF5C3



42562C



FCFFDF



2B3F16



FFFFFB



172800



001600



000000



8DA273



8DA273



86A263



94A283

 7FA253

 9BA293

 77A242

 A3A2A4

 70A232

 AAA2B4

 69A222

 B1A2C4

 62A212

 B8A2D4

 5AA202

 C0A2E4

 5AA200

 C7A2F5

 CEA2FF

# Harmonies

## Analogous

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



A79B6B



8DA273



71A786

# Triad

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



8DA273



60A3C7



CB8997

# Complementary

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



8DA273



8873A2

# 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.



BE8CAF



8DA273



839CCB

# Square

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



8DA273



4EA7B6



A593C2



CA8C80

# Rectangle

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



8DA273



5FA897



A593C2



C8899F



# Sweetspot

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



8DA273



CBD4C1



A28773



666B5F



EBEBEB



6B6B6B



# Same Dimension

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



8DA273



B3D48A



76A273



4E5249



509100



0A1200



# Inverse Universe

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



8873A2



AB8AD4



9F73A2



4D4952



410091



080012



# Previews

## White Background



This preview shows how the Hex color 8DA273 looks on a white background.

## Color Contrast Check

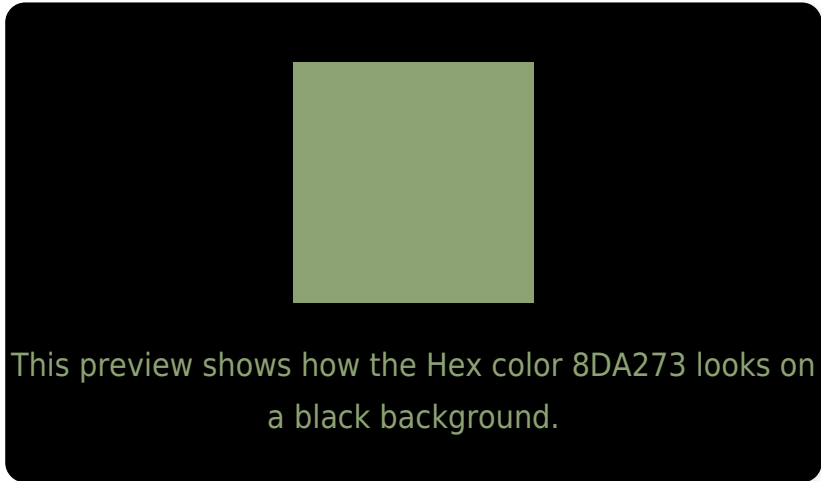
Large Text (above 18pt) WCAG AA × Fail

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

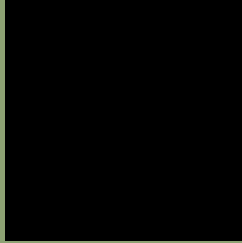
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

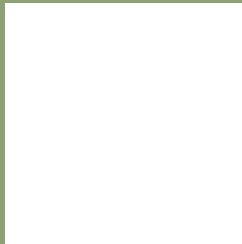
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DA273 Background



This preview shows how black text looks on a background with the Hex color 8DA273.



This preview shows how white text looks on a background with the Hex color 8DA273.

# 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



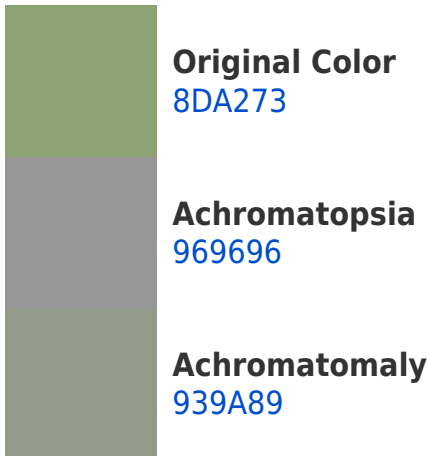


**Tritanopia**  
959BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DA273 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 #8DA273 looks like.

```
.text, #text, p{  
    color:#8DA273  
}
```

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 #8DA273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA273
}
```

## Border

The CSS property to change the border of an element to Hex 8DA273 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
#8DA273 }
```

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

```
.border{ border-color:#8DA273 }
```

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

Here you see how a box with a 4 pixel #8DA273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA273; -webkit-box-shadow:4px 4px  
4px 4px #8DA273; box-shadow:4px 4px 4px  
4px #8DA273 }
```

# Background

The CSS property to change the background color of an element to Hex 8DA273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA273 }
```

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

```
.background{ background-color:#8DA273 }
```

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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