

Converting Colors

Hex(90AA73)

Have a look what the booklet for
Hex(90AA73) contains.

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Color

Hex(90AA73)

Conversions

Conversions Part 1

Format	Color
Hex	90AA73
RGB	144, 170, 115
RGB Percent	56%, 67%, 45%
CMY	0.4353, 0.3333, 0.5490
CMYK	0.15, 0.00, 0.32, 0.33
HSL	88°, 24%, 56%
HSV	88°, 32%, 67%
XYZ	28.9708, 35.9165, 21.6253
YIQ	155.9560, 2.1590, -22.6170

Conversions

Conversions Part 2

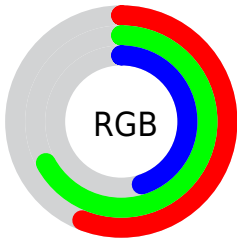
Format	Color
RYB	115, 170, 141
Decimal	9480819
CIELab	66.46, -18.92, 25.48
CIElCh	66, 31.734, 126.599
Yxy	35.9165, 0.3349, 0.4152
Android (android.graphics.Color)	4287670899 (0xFF90AA73)
YUV	155.9560, -20.1913, -10.4854
Hunter-Lab	59.9304, -18.5899, 20.5571

Details

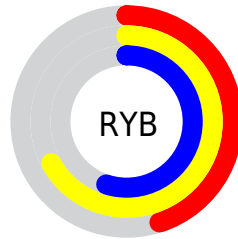
The Hex color **90AA73** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8D73AA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C6E1A7**, and **5D7642** is the 20% darker color. If you saturate the color by 10%, you get **88AA62**, and if you desaturate by 10%, it is **98AA84**.

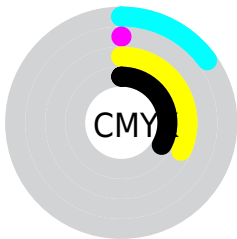
Distribution



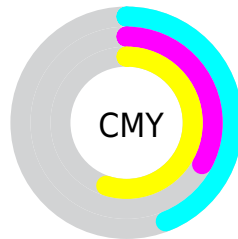
- Red (56%)
- Green (67%)
- Blue (45%)



- Red (45%)
- Yellow (67%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AA73 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 90AA73 by changing the saturation by 10% instead.

 90AA73

 90AA73

FFFFFF

 768F5A

 C6E1A7

 5D7642

 E3FEC3

 445D2B

 FFFFDF

 2D4515

 FFFFFC

 182F00

 001C00

 000000

 90AA73

 90AA73

 88AA62

 98AA84

 80AA51

 A0AA95

 78AA40

 A8AAA6

 70AA2F

 B0AAB7

 68AA1E

 B8AAC8

 60AA0D

 C0AAD9

 5AAA00

 C8AAEA

 D0AAFB

 D8AAFF

Harmonies

Analogous

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



AFA269



90AA73



6EAF8A

Triad

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



90AA73



59ABD5



D98C9C

Complementary

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



90AA73



8D73AA

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.



CB8FB9



90AA73



85A2DA

Square

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



90AA73



3FB0C3



AE98CF



D79081

Rectangle

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



90AA73



58B19D



AE98CF



D68CA6

Sweetspot

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



90AA73



D3DEC8



AA8D73



6A7063



F0F0F0



707070

Same Dimension

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



90AA73



B5DE87



75AA73



50544C



4E9400



0B1400

Inverse Universe

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



8D73AA



B087DE



A873AA



504C54



460094



0A0014

Previews

White Background



This preview shows how the Hex color 90AA73 looks on a white background.

Color Contrast Check

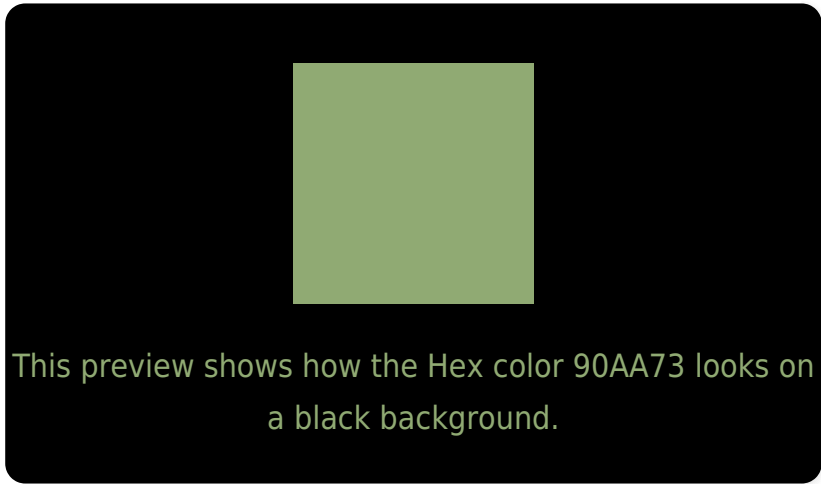
Large Text (above 18pt) WCAG AA × Fail

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

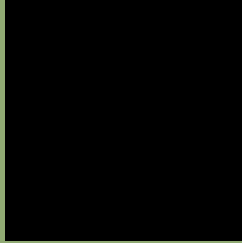
Any Text WCAG AA ✓ Pass

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 90AA73 Background



This preview shows how black text looks on a background with the Hex color 90AA73.

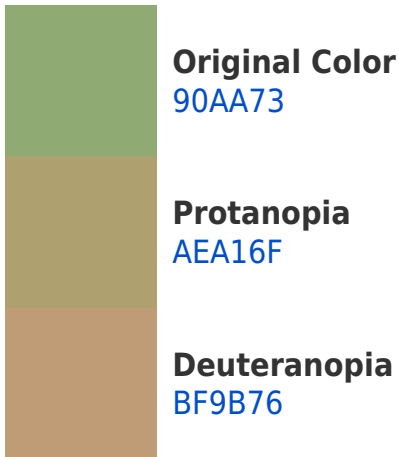


This preview shows how white text looks on a background with the Hex color 90AA73.

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](#).

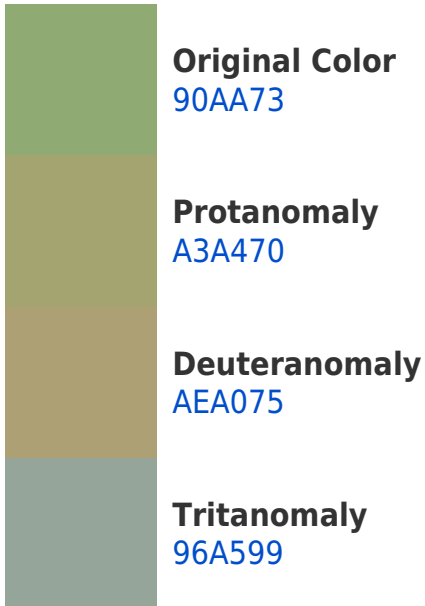
Dichromacy



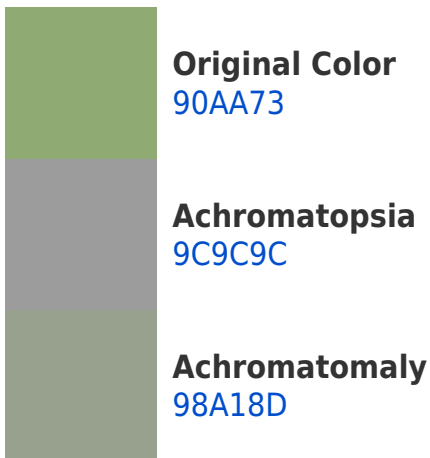


Tritanopia
99A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AA73 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 #90AA73 looks like.

```
.text, #text, p{  
    color:#90AA73  
}
```

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 #90AA73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AA73
}
```

Border

The CSS property to change the border of an element to Hex 90AA73 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
#90AA73 }
```

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

```
.border{ border-color:#90AA73 }
```

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

Here you see how a box with a 4 pixel #90AA73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AA73; -webkit-box-shadow:4px 4px  
4px 4px #90AA73; box-shadow:4px 4px 4px  
4px #90AA73 }
```

Background

The CSS property to change the background color of an element to Hex 90AA73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AA73 }
```

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

```
.background{ background-color:#90AA73 }
```

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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