

Converting Colors

Hex(90A377)

Have a look what the booklet for
Hex(90A377) contains.

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Color

Hex(90A377)

Conversions

Conversions Part 1

Format	Color
Hex	90A377
RGB	144, 163, 119
RGB Percent	56%, 64%, 47%
CMY	0.4353, 0.3608, 0.5333
CMYK	0.12, 0.00, 0.27, 0.36
HSL	86°, 19%, 55%
HSV	86°, 27%, 64%
XYZ	27.9286, 33.4556, 22.4383
YIQ	152.3030, 2.8000, -17.7120

Conversions

Conversions Part 2

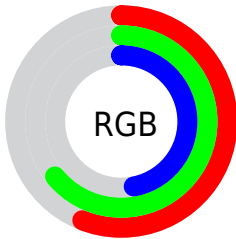
Format	Color
RYB	119, 163, 138
Decimal	9479031
CIELab	64.53, -14.69, 20.71
CIELCh	65, 25.392, 125.360
Yxy	33.4556, 0.3332, 0.3991
Android (android.graphics.Color)	4287669111 (0xFF90A377)
YUV	152.3030, -16.4184, -7.2817
Hunter-Lab	57.8408, -15.0323, 17.4880

Details

The Hex color **90A377** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8A77A3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C6DAAB**, and **5D6F46** is the 20% darker color. If you saturate the color by 10%, you get **89A367**, and if you desaturate by 10%, it is **97A387**.

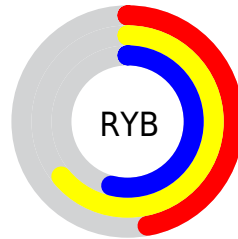
Distribution



Red (56%)

Green (64%)

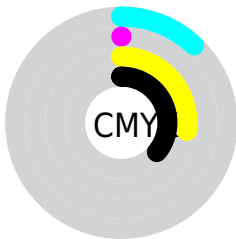
Blue (47%)



Red (47%)

Yellow (64%)

Blue (54%)

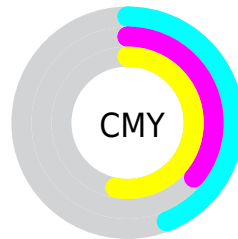


Cyan (12%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A377 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 90A377 by changing the saturation by 10% instead.



90A377



90A377

FFFFFF



76895E



C6DAAB



5D6F46



E2F6C7



45572F



FFFFE3



2E401A



192901



001600



000000



90A377



90A377



89A367



97A387

 82A356

 9EA398

 7BA346

 A5A3A8

 74A336

 ACA3B8

 6DA326

 B3A3C9

 66A315

 BAA3D9

 5FA305

 C1A3E9

 5DA300

 C8A3F9

 CFA3FF

Harmonies

Analogous

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



A99C6F



90A377



76A789

Triad

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



90A377



67A4C5



C98C99

Complementary

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



90A377



8A77A3

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.



BD8FB0



90A377



869DC9

Square

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



90A377



58A8B6



A595C1



C98E83

Rectangle

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



90A377



66A998



A595C1



C78CA1

Sweetspot

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



90A377



CCD4C3



A38977



666B60



EBEBEB



6B6B6B

Same Dimension

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



90A377



B6D490



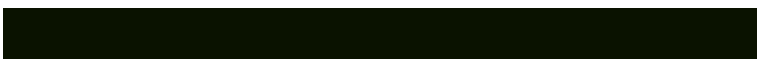
7BA377



4E5249



539100



0A1200

Inverse Universe

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



8A77A3



AD90D4



9F77A3



4D4952



3F0091



080012

Previews

White Background



This preview shows how the Hex color 90A377 looks on a white background.

Color Contrast Check

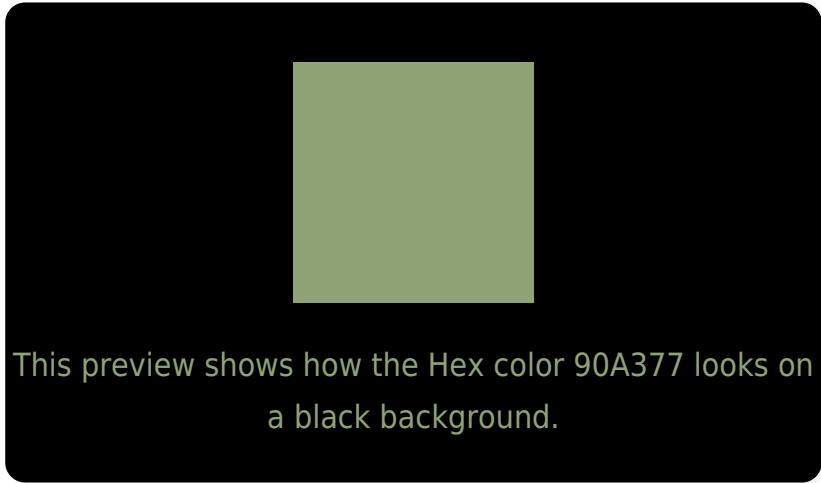
Large Text (above 18pt) WCAG AA × Fail

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

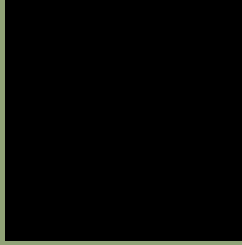
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

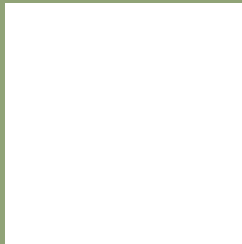
Any Text WCAG AAA ✓ Pass

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

Hex 90A377 Background



This preview shows how black text looks on a background with the Hex color 90A377.

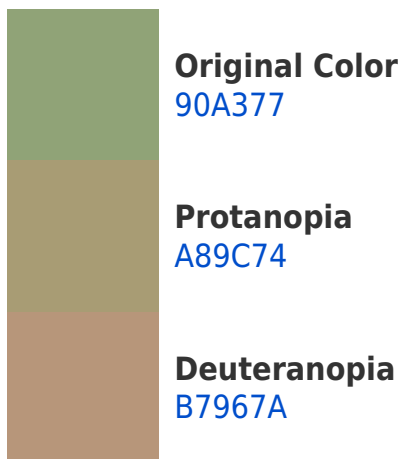


This preview shows how white text looks on a background with the Hex color 90A377.

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
979CA9

Trichromacy



Original Color
90A377

Protanomaly
9F9F75

Deuteranomaly
A99B79

Tritanomaly
949F97

Monochromacy



Original Color
90A377

Achromatopsia
989898

Achromatomaly
959C8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 90A377 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 #90A377 looks like.

```
.text, #text, p{  
    color:#90A377  
}
```

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 #90A377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A377
}
```

Border

The CSS property to change the border of an element to Hex 90A377 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
#90A377 }
```

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

```
.border{ border-color:#90A377 }
```

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

Here you see how a box with a 4 pixel #90A377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A377; -webkit-box-shadow:4px 4px  
4px 4px #90A377; box-shadow:4px 4px 4px  
4px #90A377 }
```

Background

The CSS property to change the background color of an element to Hex 90A377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A377 }
```

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

```
.background{ background-color:#90A377 }
```

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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