

Converting Colors

Hex(90A457)

Have a look what the booklet for
Hex(90A457) contains.

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Color

Hex(90A457)

Conversions

Conversions Part 1

Format	Color
Hex	90A457
RGB	144, 164, 87
RGB Percent	56%, 64%, 34%
CMY	0.4353, 0.3569, 0.6588
CMYK	0.12, 0.00, 0.47, 0.36
HSL	76°, 31%, 49%
HSV	76°, 47%, 64%
XYZ	26.4974, 33.1683, 14.0224
YIQ	149.2420, 12.7970, -28.1870

Conversions

Conversions Part 2

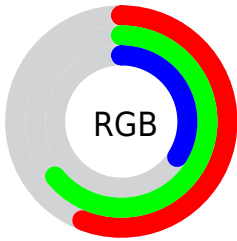
Format	Color
RYB	87, 164, 107
Decimal	9479255
CIELab	64.30, -19.48, 37.44
CIElCh	64, 42.206, 117.481
Yxy	33.1683, 0.3596, 0.4501
Android (android.graphics.Color)	4287669335 (0xFF90A457)
YUV	149.2420, -30.6853, -4.5972
Hunter-Lab	57.5920, -18.6602, 25.8785

Details

The Hex color **90A457** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B57A4**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C7DB8A**, and **5C7026** is the 20% darker color. If you saturate the color by 10%, you get **8CA447**, and if you desaturate by 10%, it is **94A467**.

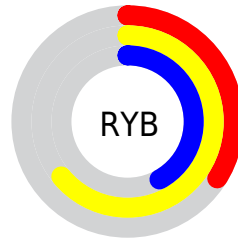
Distribution



Red (56%)

Green (64%)

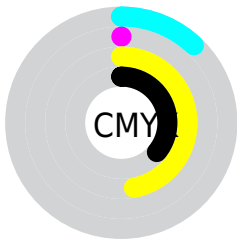
Blue (34%)



Red (34%)

Yellow (64%)

Blue (42%)

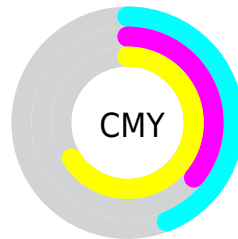


Cyan (12%)

Magenta (0%)

Yellow (47%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A457 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 90A457 by changing the saturation by 10% instead.



90A457



90A457

FFFFFF



768A3E



C7DB8A



5C7026



E4F7A5



43580C



FFFFC1



2B4000



FFFFDD



132A00



FFFFFFA



001800



000000



90A457



90A457



8CA447



94A467

 87A436

 99A478

 83A426

 9DA488

 7FA415

 A1A499

 7BA405

 A5A4A9

 79A400

 AAA4B9

 AEA4CA

 B2A4DA

 B6A4EB

Harmonies

Analogous

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



B6994F



90A457



62AC72

Triad

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



90A457



00AADB



E07DA1

Complementary

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



90A457



6B57A4

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.



C885C5



90A457



57A1E7

Square

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



90A457



00AFBD



9A93DF



E3807B

Rectangle

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



90A457



3AAE8A



9A93DF



DA7FAD

Sweetspot

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



90A457



CED6B8



A46A57



666B59



EBEBEB



6B6B6B

Same Dimension

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



90A457



B7D65E



6AA457



4F5249



6C9100



0D1200

Inverse Universe

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



6B57A4



7D5ED6



9157A4



4C4952



260091



050012

Previews

White Background



This preview shows how the Hex color 90A457 looks on a white background.

Color Contrast Check

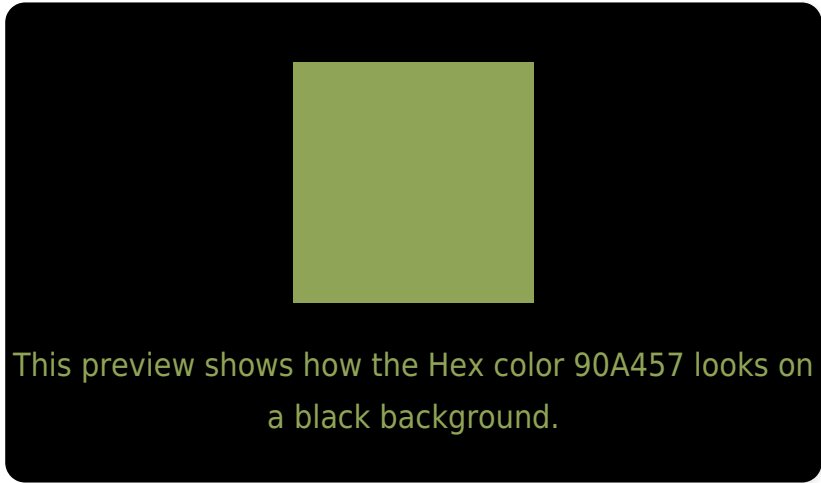
Large Text (above 18pt) WCAG AA × Fail

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 90A457 Background



This preview shows how black text looks on a background with the Hex color 90A457.

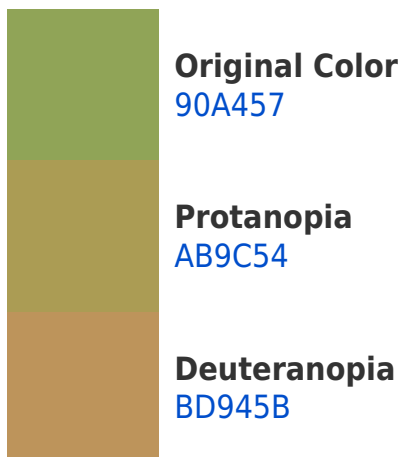


This preview shows how white text looks on a background with the Hex color 90A457.

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](#).

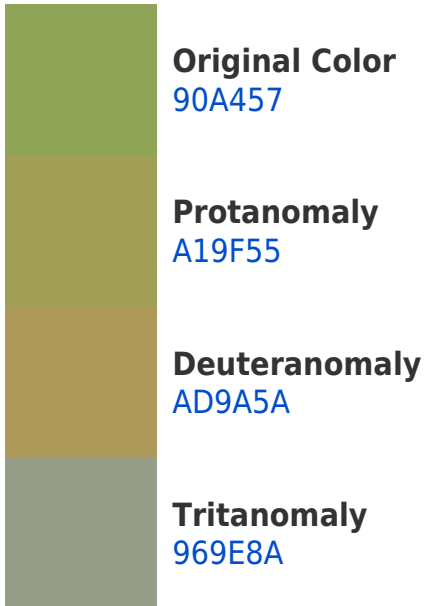
Dichromacy



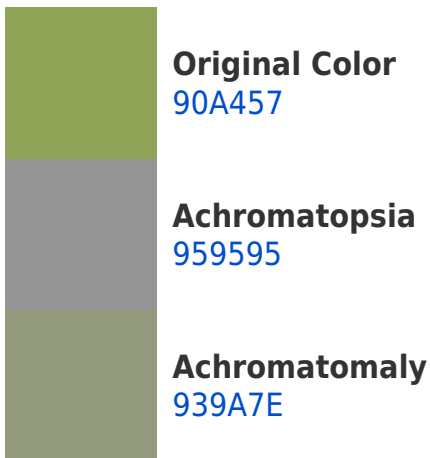


Tritanopia
9A9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90A457 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 #90A457 looks like.

```
.text, #text, p{  
    color:#90A457  
}
```

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 #90A457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A457
}
```

Border

The CSS property to change the border of an element to Hex 90A457 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
#90A457 }
```

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

```
.border{ border-color:#90A457 }
```

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

Here you see how a box with a 4 pixel #90A457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A457; -webkit-box-shadow:4px 4px  
4px 4px #90A457; box-shadow:4px 4px 4px  
4px #90A457 }
```

Background

The CSS property to change the background color of an element to Hex 90A457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A457 }
```

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

```
.background{ background-color:#90A457 }
```

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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