

Converting Colors

Hex(90A668)

Have a look what the booklet for
Hex(90A668) contains.

Hex(90A668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90A668)

Conversions

Conversions Part 1

Format	Color
Hex	90A668
RGB	144, 166, 104
RGB Percent	56%, 65%, 41%
CMY	0.4353, 0.3490, 0.5922
CMYK	0.13, 0.00, 0.37, 0.35
HSL	81°, 26%, 53%
HSV	81°, 37%, 65%
XYZ	27.6365, 34.2012, 18.2416
YIQ	152.3540, 6.7900, -23.9460

Conversions

Conversions Part 2

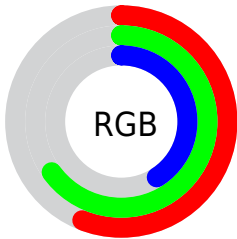
Format	Color
RYB	104, 166, 126
Decimal	9479784
CIELab	65.12, -18.42, 29.61
CIElCh	65, 34.871, 121.880
Yxy	34.2012, 0.3451, 0.4271
Android (android.graphics.Color)	4287669864 (0xFF90A668)
YUV	152.3540, -23.8385, -7.3265
Hunter-Lab	58.4818, -17.9901, 22.4436

Details

The Hex color **90A668** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7E68A6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C7DD9C**, and **5C7238** is the 20% darker color. If you saturate the color by 10%, you get **8AA657**, and if you desaturate by 10%, it is **96A679**.

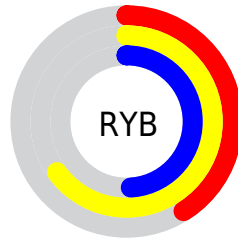
Distribution



Red (56%)

Green (65%)

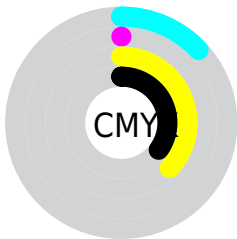
Blue (41%)



Red (41%)

Yellow (65%)

Blue (49%)

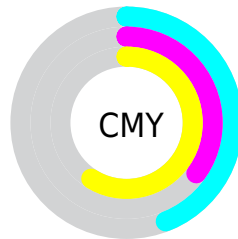


Cyan (13%)

Magenta (0%)

Yellow (37%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A668 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 90A668 by changing the saturation by 10% instead.



90A668



90A668

FFFFFF



768C4F



C7DD9C



5C7238



E3FAB7



445921



FFFFD3



2C4209



FFFEEF



172C00



001900



000000



90A668



90A668



8AA657



96A679

84A647

9CA689

7EA636

A2A69A

78A626

A8A6AA

73A615

ADA6BB

6DA604

B3A6CC

6BA600

B9A6DC

BFA6ED

C5A6FD

Harmonies

Analogous

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



B19D5F



90A668



6BAC80

Triad

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



90A668



3FA9D4



D9869D

Complementary

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



90A668



7E68A6

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.



C78BBC



90A668



74A0DC

Square

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



90A668



1EAEBE



A495D3



D9897F

Rectangle

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



90A668



4FAE94



A495D3



D587A8

Sweetspot

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



90A668



D0D9C1



A67E68



696E5F



EDEDED



6E6E6E

Same Dimension

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



90A668



B6D977



71A668



51544C



5F9400



0D1400

Inverse Universe

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



7E68A6



9A77D9



9D68A6



4F4C54



340094



070014

Previews

White Background



This preview shows how the Hex color 90A668 looks on a white background.

Color Contrast Check

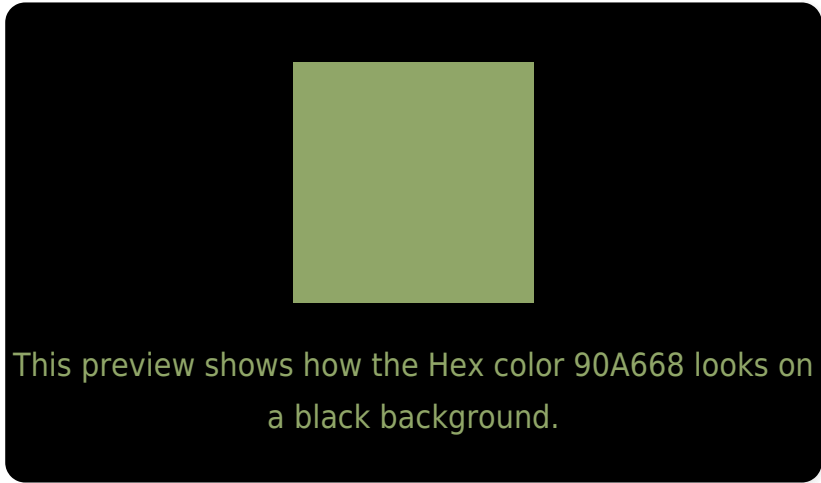
Large Text (above 18pt) WCAG AA × Fail

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

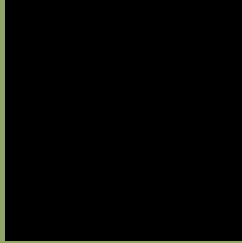
Any Text WCAG AA ✓ Pass

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 90A668 Background



This preview shows how black text looks on a background with the Hex color 90A668.



This preview shows how white text looks on a background with the Hex color 90A668.

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

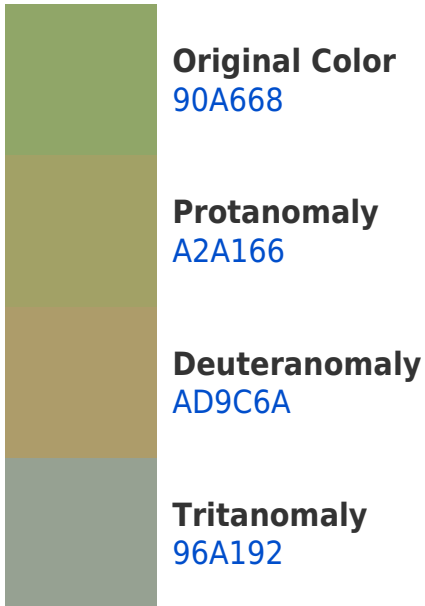


Original Color
90A668

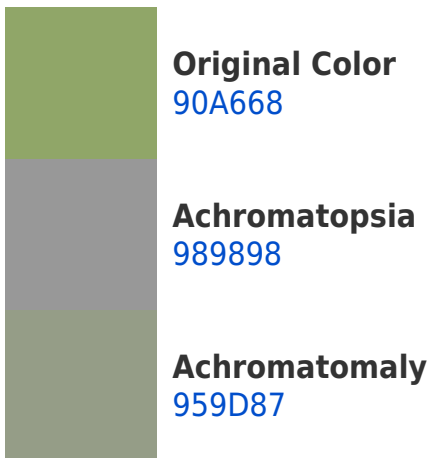
Protanopia
AC9E65

Deuteranopia
BD976B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90A668 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 #90A668 looks like.

```
.text, #text, p{  
    color:#90A668  
}
```

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 #90A668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A668
}
```

Border

The CSS property to change the border of an element to Hex 90A668 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
#90A668 }
```

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

```
.border{ border-color:#90A668 }
```

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

Here you see how a box with a 4 pixel #90A668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A668; -webkit-box-shadow:4px 4px  
4px 4px #90A668; box-shadow:4px 4px 4px  
4px #90A668 }
```

Background

The CSS property to change the background color of an element to Hex 90A668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A668 }
```

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

```
.background{ background-color:#90A668 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor