

# Converting Colors

Hex(96AF92)

Have a look what the booklet for  
Hex(96AF92) contains.

<b>Hex(96AF92)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(96AF92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96AF92
RGB	150, 175, 146
RGB Percent	59%, 69%, 57%
CMY	0.4118, 0.3137, 0.4275
CMYK	0.14, 0.00, 0.17, 0.31
HSL	112°, 15%, 63%
HSV	112°, 17%, 69%
XYZ	33.0960, 39.2193, 33.0199
YIQ	164.2190, -5.5910, -14.3190

# Conversions

## Conversions Part 2

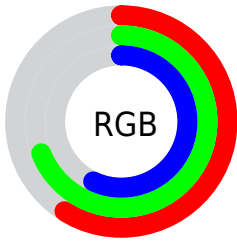
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 175, 171
Decimal	9875346
CIELab	68.91, -14.23, 12.03
CIElCh	69, 18.630, 139.795
Yxy	39.2193, 0.3142, 0.3723
Android (android.graphics.Color)	4288065426 (0xFF96AF92)
YUV	164.2190, -8.9820, -12.4701
Hunter-Lab	62.6253, -15.2614, 12.5764

# Details

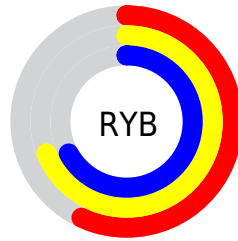
The Hex color **96AF92** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AB92AF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CCE7C8**, and **637A5F** is the 20% darker color. If you saturate the color by 10%, you get **87AF81**, and if you desaturate by 10%, it is **A5AFA3**.

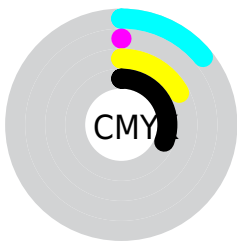
# Distribution



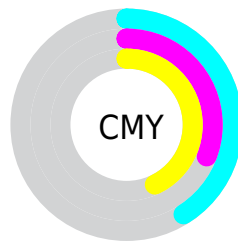
- Red (59%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (69%)
- Blue (67%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)



- Cyan (41%)
- Magenta (31%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96AF92 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 96AF92 by changing the saturation by 10% instead.



 96AF92

 96AF92

FFFFFF

 7C9478

 CCE7C8

 637A5F

 E9FFE4

 4B6248

 344A31

 1E331C

 091E03

 000000

 96AF92

 96AF92

 87AF81

 A5AFA3

 78AF6F

 B4AFB5

 69AF5E

 C3AFC7

 5AAF4C

 D2AFD8

 4BAF3A

 E1AFEA

 3BAF29

 F1AFFB

 2CAF17

 FFAFFF

 1DAF06

 18AF00

# Harmonies

## Analogous

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



A9AB88



96AF92



85B2A2

# Triad

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



96AF92



8EABC9



CC9D9D

# Complementary

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



96AF92



AB92AF

# 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.



C79DAF



96AF92



A4A6C8

# Square

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



96AF92



7EB0C1



B8A0BE



C7A08F

# Rectangle

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



96AF92



7DB2AD



B8A0BE



CB9CA3



# Sweetspot

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



96AF92



D9E3D8



AFAB92



6D736C



F2F2F2



737373



# Same Dimension

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



96AF92



BCE3B6



92AF9C



4F574E



159600



031700



# Inverse Universe

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



AB92AF



DDB6E3



AF92A5



564E57



820096

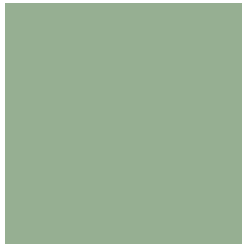


140017



# Previews

## White Background



This preview shows how the Hex color 96AF92 looks on a white background.

## Color Contrast Check

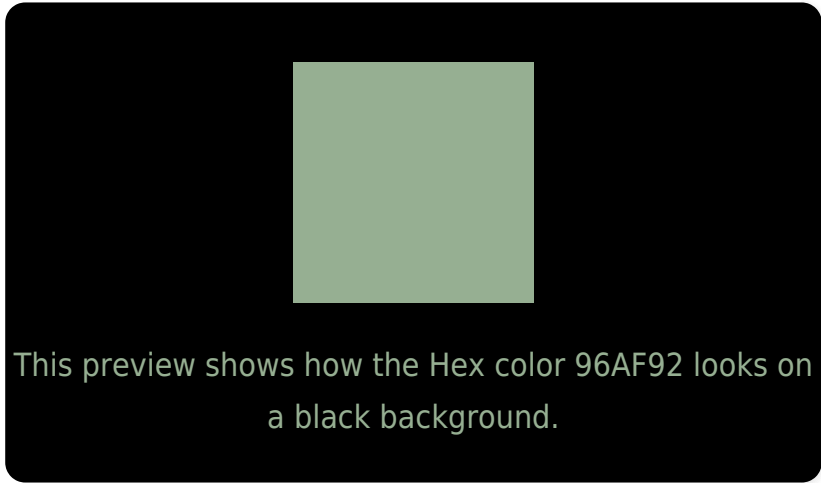
Large Text (above 18pt) WCAG AA × Fail

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

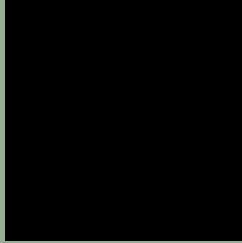
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96AF92 Background



This preview shows how black text looks on a background with the Hex color 96AF92.

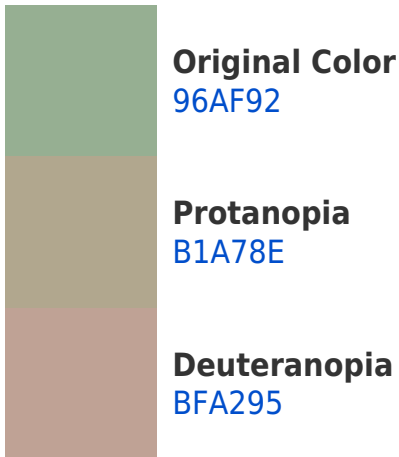


This preview shows how white text looks on a background with the Hex color 96AF92.

# 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](#).

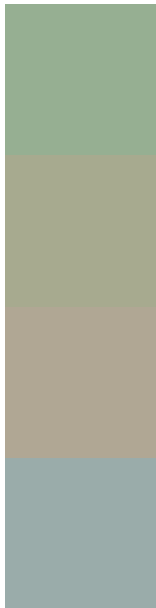
## Dichromacy





**Tritanopia**  
9CAAB7

# Trichromacy



**Original Color**  
96AF92

**Protanomaly**  
A7AA8F

**Deuteranomaly**  
B0A794

**Tritanomaly**  
9AACAA

# Monochromacy



**Original Color**  
96AF92

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
9FA89D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96AF92 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 #96AF92 looks like.

```
.text, #text, p{  
    color:#96AF92  
}
```

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 #96AF92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AF92  
}
```

## Border

The CSS property to change the border of an element to Hex 96AF92 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  
#96AF92 }
```

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

```
.border{ border-color:#96AF92 }
```

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

Here you see how a box with a 4 pixel #96AF92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AF92; -webkit-box-shadow:4px 4px  
4px 4px #96AF92; box-shadow:4px 4px 4px  
4px #96AF92 }
```

# Background

The CSS property to change the background color of an element to Hex 96AF92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AF92 }
```

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

```
.background{ background-color:#96AF92 }
```

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