

Converting Colors

Hex(90AC66)

Have a look what the booklet for
Hex(90AC66) contains.

Hex(90AC66)	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(90AC66)

Conversions

Conversions Part 1

Format	Color
Hex	90AC66
RGB	144, 172, 102
RGB Percent	56%, 67%, 40%
CMY	0.4353, 0.3255, 0.6000
CMYK	0.16, 0.00, 0.41, 0.33
HSL	84°, 30%, 54%
HSV	84°, 41%, 67%
XYZ	28.6524, 36.3936, 18.0849
YIQ	155.6480, 5.7820, -27.7060

Conversions

Conversions Part 2

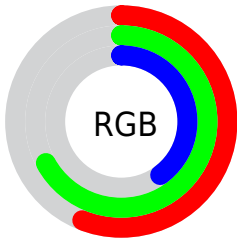
Format	Color
RYB	102, 172, 130
Decimal	9481318
CIELab	66.82, -21.72, 32.85
CIElCh	67, 39.387, 123.474
Yxy	36.3936, 0.3447, 0.4378
Android (android.graphics.Color)	4287671398 (0xFF90AC66)
YUV	155.6480, -26.4485, -10.2153
Hunter-Lab	60.3271, -20.7939, 24.4550

Details

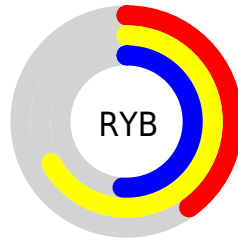
The Hex color **90AC66** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8266AC**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C7E39A**, and **5C7835** is the 20% darker color. If you saturate the color by 10%, you get **89AC55**, and if you desaturate by 10%, it is **97AC77**.

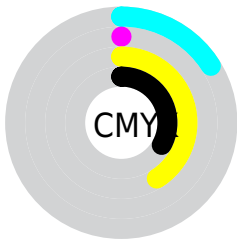
Distribution



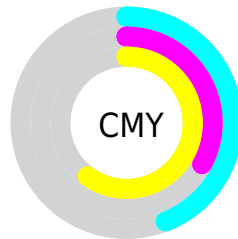
- Red (56%)
- Green (67%)
- Blue (40%)



- Red (40%)
- Yellow (67%)
- Blue (51%)



- Cyan (16%)
- Magenta (0%)
- Yellow (41%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AC66 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 90AC66 by changing the saturation by 10% instead.

 90AC66

 90AC66

FFFFFF

 76914D

 C7E39A

 5C7835

 E3FFB5

 435F1E

 FFFFD1

 2B4705

 FFFFED

 153000

 001D00

 000000

 90AC66

 90AC66

 89AC55

 97AC77

 82AC44

 9EAC88

 7BAC32

 A5AC9A

 74AC21

 ACACAB

 6EAC10

 B2ACBC

 67AC00

 B9ACCD

 C0ACDE

 C7ACF0

 CEACFF

Harmonies

Analogous

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



B5A25B



90AC66



64B382

Triad

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



90AC66



28AFE1



E586A0

Complementary

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



90AC66



8266AC

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.



D28CC3



90AC66



74A5E9

Square

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



90AC66



00B4C8



AC98DE



E58B7D

Rectangle

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



90AC66



41B599



AC98DE



E187AC

Sweetspot

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



90AC66



D6E0C5



AC8266



6A7060



F0F0F0



707070

Same Dimension

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



90AC66



B4E072



6DAC66



53574E



5A9600



0E1700

Inverse Universe

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



8266AC



9E72E0



A566AC



514E57



3C0096



090017

Previews

White Background



This preview shows how the Hex color 90AC66 looks on a white background.

Color Contrast Check

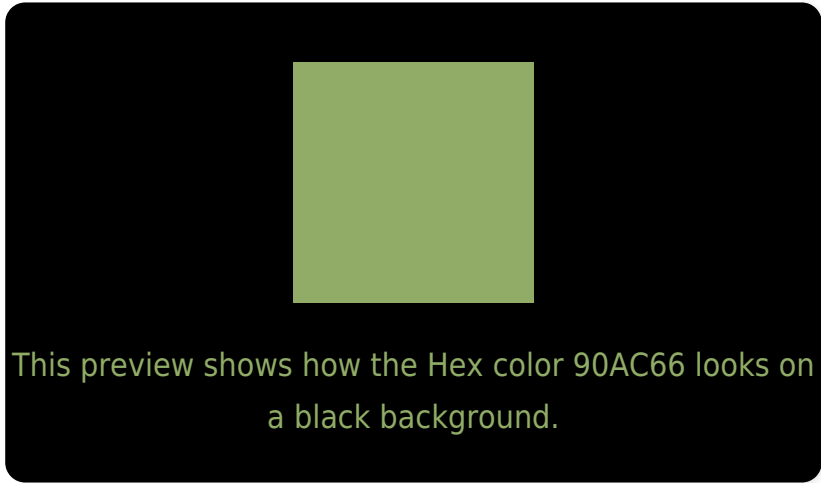
Large Text (above 18pt) WCAG AA × Fail

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 90AC66 Background



This preview shows how black text looks on a background with the Hex color 90AC66.



This preview shows how white text looks on a background with the Hex color 90AC66.

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](#).

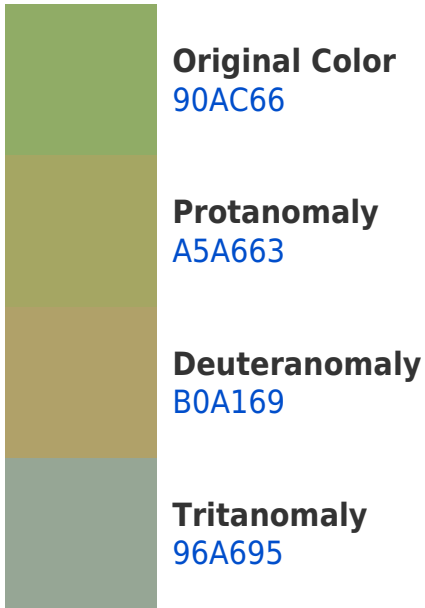
Dichromacy





Tritanopia
9AA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AC66 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 #90AC66 looks like.

```
.text, #text, p{  
    color:#90AC66  
}
```

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 #90AC66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AC66
}
```

Border

The CSS property to change the border of an element to Hex 90AC66 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
#90AC66 }
```

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

```
.border{ border-color:#90AC66 }
```

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

Here you see how a box with a 4 pixel #90AC66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AC66; -webkit-box-shadow:4px 4px  
4px 4px #90AC66; box-shadow:4px 4px 4px  
4px #90AC66 }
```

Background

The CSS property to change the background color of an element to Hex 90AC66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AC66 }
```

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

```
.background{ background-color:#90AC66 }
```

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