

Converting Colors

Hex(90AC46)

Have a look what the booklet for
Hex(90AC46) contains.

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Color

Hex(90AC46)

Conversions

Conversions Part 1

Format	Color
Hex	90AC46
RGB	144, 172, 70
RGB Percent	56%, 67%, 27%
CMY	0.4353, 0.3255, 0.7255
CMYK	0.16, 0.00, 0.59, 0.33
HSL	76°, 42%, 47%
HSV	76°, 59%, 67%
XYZ	27.3596, 35.8765, 11.2772
YIQ	152.0000, 16.0540, -37.6580

Conversions

Conversions Part 2

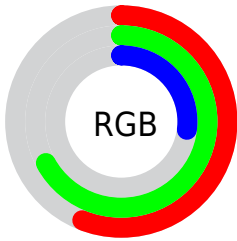
Format	Color
RYB	70, 172, 98
Decimal	9481286
CIELab	66.43, -25.15, 48.19
CIELCh	66, 54.355, 117.556
Yxy	35.8765, 0.3672, 0.4815
Android (android.graphics.Color)	4287671366 (0xFF90AC46)
YUV	152.0000, -40.4260, -7.0160
Hunter-Lab	59.8970, -23.2850, 30.7650

Details

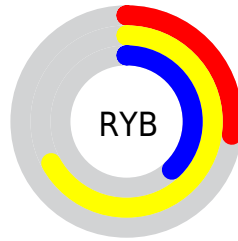
The Hex color **90AC46** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6246AC**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C8E37A**, and **5B780E** is the 20% darker color. If you saturate the color by 10%, you get **8BAC35**, and if you desaturate by 10%, it is **95AC57**.

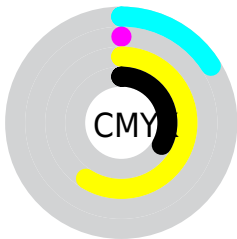
Distribution



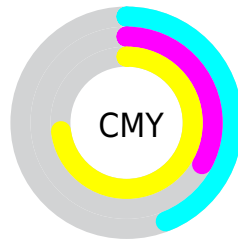
- Red (56%)
- Green (67%)
- Blue (27%)



- Red (27%)
- Yellow (67%)
- Blue (38%)



- Cyan (16%)
- Magenta (0%)
- Yellow (59%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AC46 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 90AC46 by changing the saturation by 10% instead.

 90AC46

 90AC46

FFFFFF

 75912C

 C8E37A

 5B780E

 E5FF95

 415F00

 FFFF80

 284700

 FFFFCC

 0C3000

 FFFFEE

 001E00

 000000

 90AC46

 90AC46

 8BAC35

 95AC57

 87AC24

 99AC68

 82AC12

 9EAC7A

 7DAC01

 A3AC8B

 7DAC00

 A8AC9C

 ACACAD

 B1ACBE

 B6ACD0

 BAACE1

Harmonies

Analogous

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



C09E3B



90AC46



50B56B

Triad

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



90AC46



00B4F3



F877A8

Complementary

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



90AC46



6246AC

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.



DA83D7



90AC46



24A8FF

Square

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



90AC46



00B9CD



9D96F8



FA7B77

Rectangle

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



90AC46



00B88B



9D96F8



F179B8

Sweetspot

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



90AC46



D5E0B8



AC6146



697058



F0F0F0



707070

Same Dimension

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



90AC46



B5E041



5EAC46



54574E



6D9600



111700

Inverse Universe

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



6246AC



6D41E0



9446AC



504E57



290096



060017

Previews

White Background



This preview shows how the Hex color 90AC46 looks on a white background.

Color Contrast Check

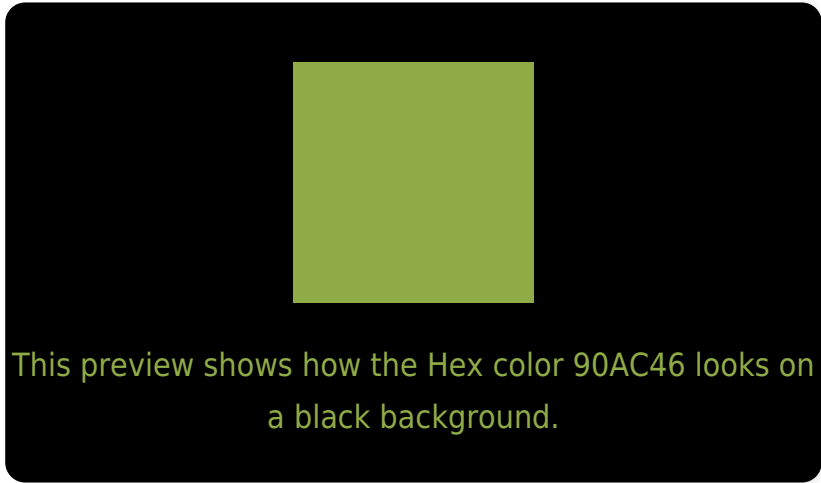
Large Text (above 18pt) WCAG AA × Fail

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 90AC46 Background



This preview shows how black text looks on a background with the Hex color 90AC46.



This preview shows how white text looks on a background with the Hex color 90AC46.

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
90AC46

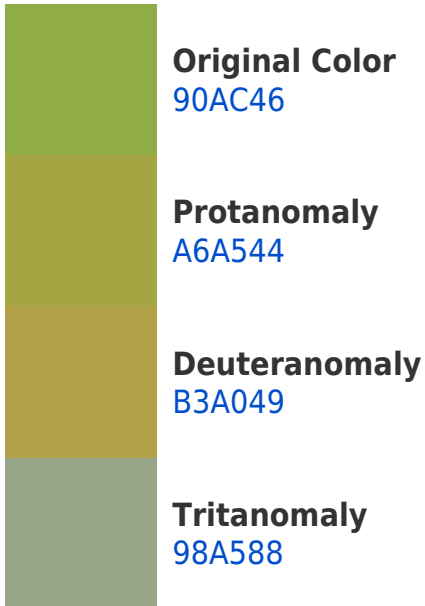
Protanopia
B3A143

Deuteranopia
C7994B



Tritanopia
9CA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AC46 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 #90AC46 looks like.

```
.text, #text, p{  
    color:#90AC46  
}
```

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 #90AC46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AC46  
}
```

Border

The CSS property to change the border of an element to Hex 90AC46 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  
#90AC46 }
```

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

```
.border{ border-color:#90AC46 }
```

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

Here you see how a box with a 4 pixel #90AC46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AC46; -webkit-box-shadow:4px 4px  
4px 4px #90AC46; box-shadow:4px 4px 4px  
4px #90AC46 }
```

Background

The CSS property to change the background color of an element to Hex 90AC46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AC46 }
```

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

```
.background{ background-color:#90AC46 }
```

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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