

Converting Colors

Hex(90AB5C)

Have a look what the booklet for
Hex(90AB5C) contains.

Hex(90AB5C)	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(90AB5C)

Conversions

Conversions Part 1

Format	Color
Hex	90AB5C
RGB	144, 171, 92
RGB Percent	56%, 67%, 36%
CMY	0.4353, 0.3294, 0.6392
CMYK	0.16, 0.00, 0.46, 0.33
HSL	81°, 32%, 52%
HSV	81°, 46%, 67%
XYZ	27.9963, 35.8278, 15.5651
YIQ	153.9210, 9.2670, -30.2930

Conversions

Conversions Part 2

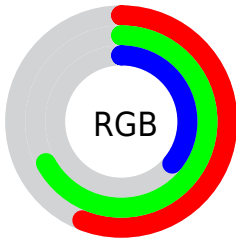
Format	Color
RYB	92, 171, 119
Decimal	9481052
CIELab	66.39, -22.44, 37.47
CIELCh	66, 43.680, 120.918
Yxy	35.8278, 0.3526, 0.4513
Android (android.graphics.Color)	4287671132 (0xFF90AB5C)
YUV	153.9210, -30.5271, -8.7007
Hunter-Lab	59.8563, -21.2598, 26.4816

Details

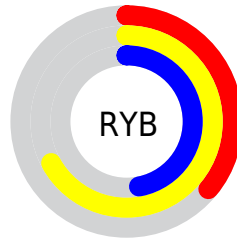
The Hex color **90AB5C** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **775CAB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C7E290**, and **5C772B** is the 20% darker color. If you saturate the color by 10%, you get **8AAB4B**, and if you desaturate by 10%, it is **96AB6D**.

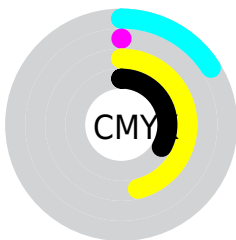
Distribution



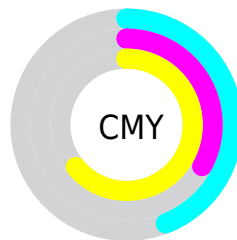
- Red (56%)
- Green (67%)
- Blue (36%)



- Red (36%)
- Yellow (67%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (46%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AB5C 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 90AB5C by changing the saturation by 10% instead.

 90AB5C

 90AB5C

FFFFFF

 769043

 C7E290

 5C772B

 E4FFAB

 435E12

 FFFFC6

 2A4600

 FFFFE3

 122F00

 001D00

 000000

 90AB5C

 90AB5C

 8AAB4B

 96AB6D

 84AB3A

 9CAB7E

 7EAB29

 A2AB8F

 79AB18

 A7ABA0

 73AB06

 ADABB1

 71AB00

 B3ABC3

 B9ABD4

 BFABE5

 C5ABF6

Harmonies

Analogous

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



B8A051



90AB5C



5FB27A

Triad

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



90AB5C



00AFE5



EA81A2

Complementary

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



90AB5C



775CAB

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.



D389C8



90AB5C



63A5F0

Square

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



90AB5C



00B5C8



A697E5



EA857B

Rectangle

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



90AB5C



30B594



A697E5



E583AF

Sweetspot

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



90AB5C



D3DEBF



AB765C



6A705D



F0F0F0



707070

Same Dimension

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



90AB5C



B4DE64



69AB5C



54574E



639600



0F1700

Inverse Universe

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



775CAB



8E64DE



9E5CAB



514E57



330096



080017

Previews

White Background



This preview shows how the Hex color 90AB5C looks on a white background.

Color Contrast Check

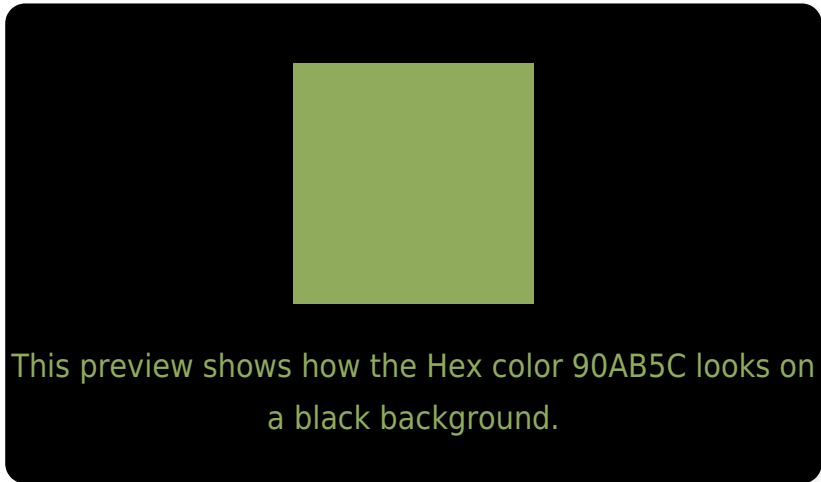
Large Text (above 18pt) WCAG AA × Fail

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 90AB5C Background



This preview shows how black text looks on a background with the Hex color 90AB5C.



This preview shows how white text looks on a background with the Hex color 90AB5C.

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
90AB5C

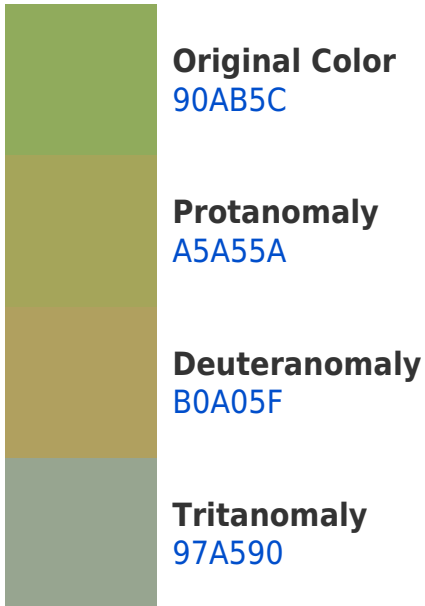
Protanopia
B1A159

Deuteranopia
C39A60

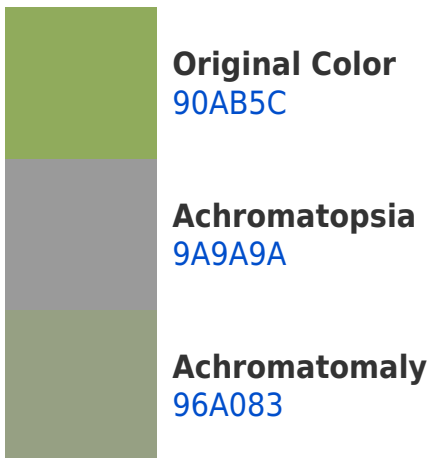


Tritanopia
9BA2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AB5C 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 #90AB5C looks like.

```
.text, #text, p{  
    color:#90AB5C  
}
```

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 #90AB5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AB5C
}
```

Border

The CSS property to change the border of an element to Hex 90AB5C 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
#90AB5C }
```

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

```
.border{ border-color:#90AB5C }
```

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

Here you see how a box with a 4 pixel #90AB5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AB5C; -webkit-box-shadow:4px 4px  
4px 4px #90AB5C; box-shadow:4px 4px 4px  
4px #90AB5C }
```

Background

The CSS property to change the background color of an element to Hex 90AB5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AB5C }
```

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

```
.background{ background-color:#90AB5C }
```

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