

Converting Colors

Hex(90A645)

Have a look what the booklet for
Hex(90A645) contains.

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Color

Hex(90A645)

Conversions

Conversions Part 1

Format	Color
Hex	90A645
RGB	144, 166, 69
RGB Percent	56%, 65%, 27%
CMY	0.4353, 0.3490, 0.7294
CMYK	0.13, 0.00, 0.58, 0.35
HSL	74°, 41%, 46%
HSV	74°, 58%, 65%
XYZ	26.2120, 33.6314, 10.7402
YIQ	148.3640, 18.0250, -34.8310

Conversions

Conversions Part 2

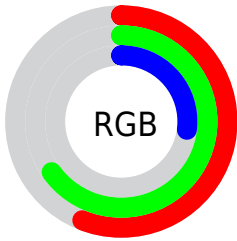
Format	Color
RYB	69, 166, 91
Decimal	9479749
CIELab	64.67, -22.26, 46.68
CIELCh	65, 51.710, 115.493
Yxy	33.6314, 0.3714, 0.4765
Android (android.graphics.Color)	4287669829 (0xFF90A645)
YUV	148.3640, -39.1265, -3.8272
Hunter-Lab	57.9926, -20.8070, 29.6143

Details

The Hex color **90A645** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5B45A6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C8DD79**, and **5B720E** is the 20% darker color. If you saturate the color by 10%, you get **8CA634**, and if you desaturate by 10%, it is **94A656**.

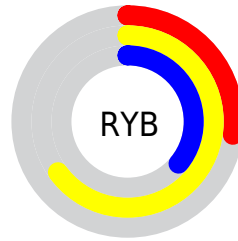
Distribution



Red (56%)

Green (65%)

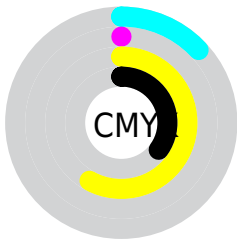
Blue (27%)



Red (27%)

Yellow (65%)

Blue (36%)

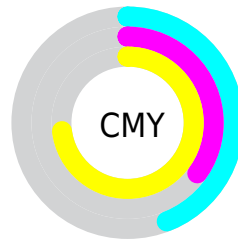


Cyan (13%)

Magenta (0%)

Yellow (58%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A645 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 90A645 by changing the saturation by 10% instead.



90A645



90A645

FFFFFF



758C2B



C8DD79



5B720E



E4FA93



415A00



FFFFAF



294200



FFFFCB



0E2C00



FFFFE7



001900



000000



90A645



90A645



8CA634



94A656

 88A624

 98A666

 85A613

 9BA677

 81A603

 9FA687

 80A600

 A3A698

 A7A6A9

 AAA6B9

 AEA6CA

 B2A6DA

Harmonies

Analogous

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



BD983D



90A645



56AF66

Triad

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



90A645



00AFE8



EE75A6

Complementary

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



90A645



5B45A6

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.



CF81D2



90A645



1EA4F9

Square

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



90A645



00B4C3



9494F0



F27878

Rectangle

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



90A645



00B284



9494F0



E778B5

Sweetspot

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



90A645



D0D9B2



A65A45



686E56



EDEDED



6E6E6E

Same Dimension

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



90A645



B6D941



60A645



52544C



729400



101400

Inverse Universe

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



5B45A6



6341D9



8B45A6



4E4C54



220094



050014

Previews

White Background



This preview shows how the Hex color 90A645 looks on a white background.

Color Contrast Check

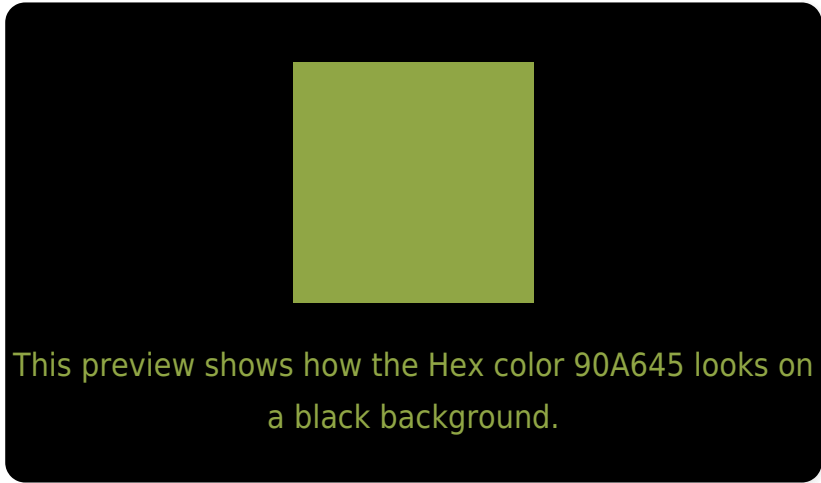
Large Text (above 18pt) WCAG AA × Fail

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 90A645 Background



This preview shows how black text looks on a background with the Hex color 90A645.



This preview shows how white text looks on a background with the Hex color 90A645.

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
90A645

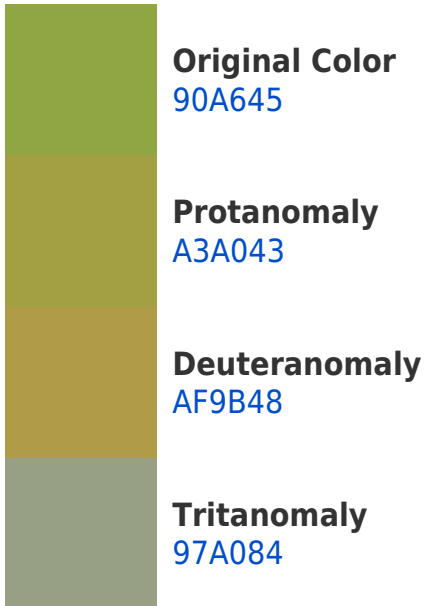
Protanopia
AE9D42

Deuteranopia
C1954A

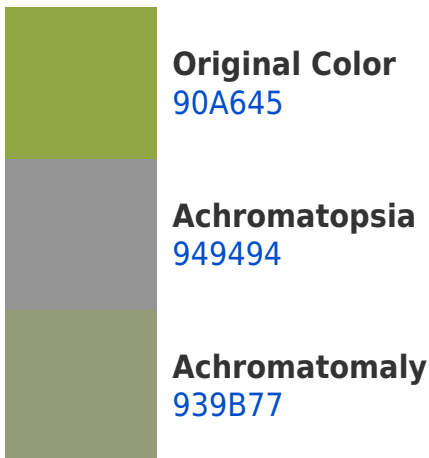


Tritanopia
9B9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90A645 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 #90A645 looks like.

```
.text, #text, p{  
    color:#90A645  
}
```

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 #90A645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A645
}
```

Border

The CSS property to change the border of an element to Hex 90A645 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
#90A645 }
```

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

```
.border{ border-color:#90A645 }
```

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

Here you see how a box with a 4 pixel #90A645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A645; -webkit-box-shadow:4px 4px  
4px 4px #90A645; box-shadow:4px 4px 4px  
4px #90A645 }
```

Background

The CSS property to change the background color of an element to Hex 90A645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A645 }
```

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

```
.background{ background-color:#90A645 }
```

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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