

Converting Colors

Hex(92A350)

Have a look what the booklet for
Hex(92A350) contains.

Hex(92A350)	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(92A350)

Conversions

Conversions Part 1

Format	Color
Hex	92A350
RGB	146, 163, 80
RGB Percent	57%, 64%, 31%
CMY	0.4275, 0.3608, 0.6863
CMYK	0.10, 0.00, 0.51, 0.36
HSL	72°, 34%, 48%
HSV	72°, 51%, 64%
XYZ	26.3992, 32.8846, 12.5454
YIQ	148.4550, 16.5110, -29.4170

Conversions

Conversions Part 2

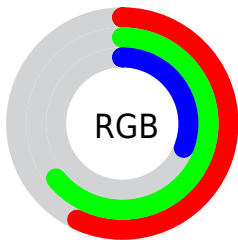
Format	Color
RYB	80, 163, 97
Decimal	9610064
CIELab	64.07, -18.89, 40.73
CIELCh	64, 44.894, 114.883
Yxy	32.8846, 0.3675, 0.4578
Android (android.graphics.Color)	4287800144 (0xFF92A350)
YUV	148.4550, -33.7483, -2.1530
Hunter-Lab	57.3451, -18.1801, 27.1707

Details

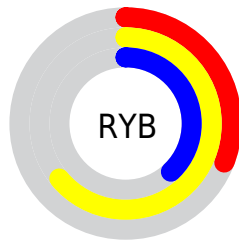
The Hex color **92A350** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6150A3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C9DA83**, and **5D6F1E** is the 20% darker color. If you saturate the color by 10%, you get **8FA340**, and if you desaturate by 10%, it is **95A360**.

Distribution



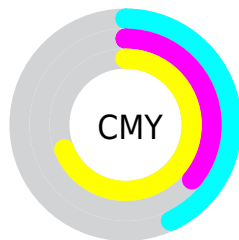
- Red (57%)
- Green (64%)
- Blue (31%)



- Red (31%)
- Yellow (64%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (51%)
- Black (36%)



- Cyan (43%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 92A350 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 92A350 by changing the saturation by 10% instead.



92A350



92A350

FFFFFF



778937



C9DA83



5D6F1E



E6F69E



445702



FFFFB9



2D4000



FFFFD6



132A00



FFFFF2



001700



000000



92A350



92A350



8FA340



95A360

 8BA32F

 99A371

 88A31F

 9CA381

 85A30F

 9FA391

 82A300

 A3A3A2

 A6A3B2

 A9A3C2

 ADA3D2

 B0A3E3

Harmonies

Analogous

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



B9974A



92A350



62AB6C

Triad

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



92A350



00ABDC



E27BA4

Complementary

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



92A350



6150A3

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.



C684CA



92A350



44A2EB

Square

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



92A350



00AFBC



9493E4



E67C7C

Rectangle

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



92A350



34AE85



9493E4



DB7DB1

Sweetspot

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



92A350



CDD4B4



A36150



676B58



EBEBEB



6B6B6B

Same Dimension

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



92A350



B9D453



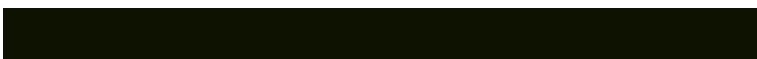
69A350



505249



749100



0E1200

Inverse Universe

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



6150A3



6D53D4



8A50A3



4B4952



1E0091



040012

Previews

White Background



This preview shows how the Hex color 92A350 looks on a white background.

Color Contrast Check

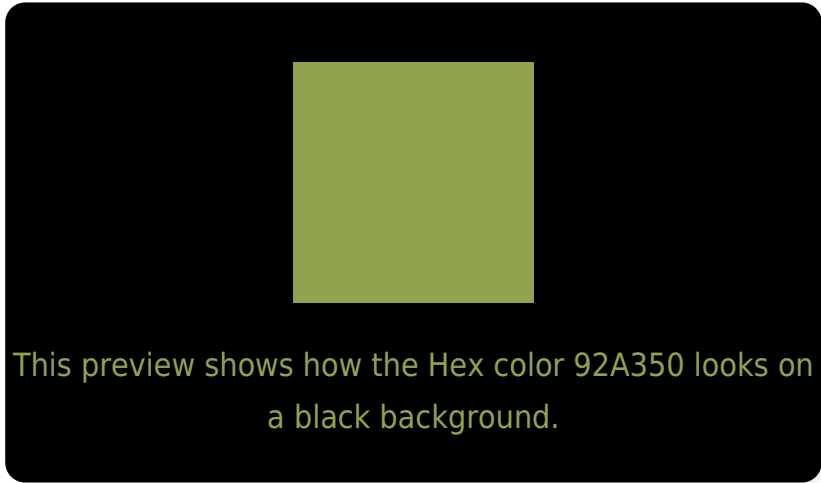
Large Text (above 18pt) WCAG AA × Fail

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

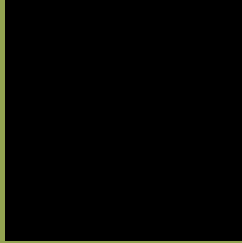
Any Text WCAG AA ✓ Pass

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 92A350 Background



This preview shows how black text looks on a background with the Hex color 92A350.

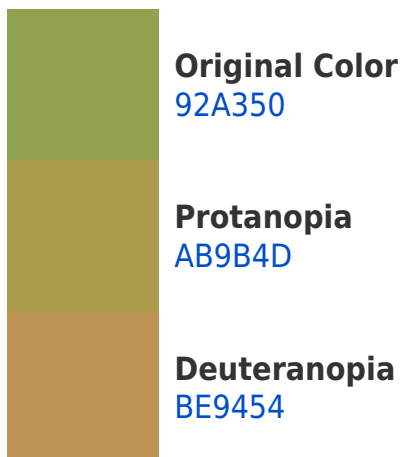


This preview shows how white text looks on a background with the Hex color 92A350.

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](#).

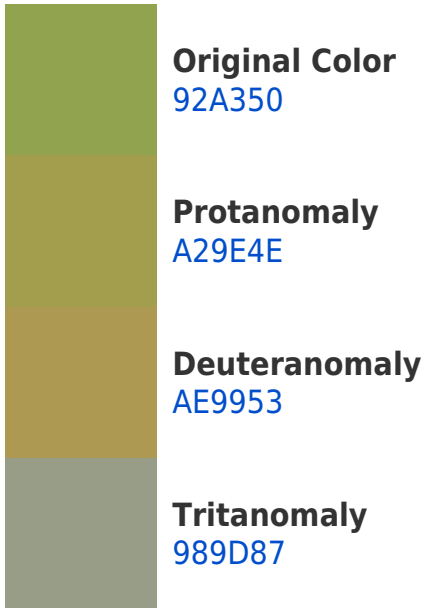
Dichromacy



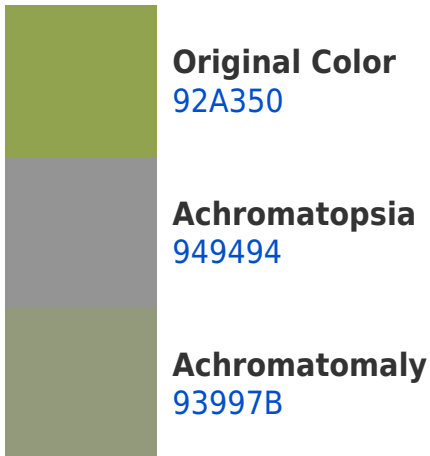


Tritanopia
9C9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 92A350 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 #92A350 looks like.

```
.text, #text, p{  
    color:#92A350  
}
```

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 #92A350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92A350
}
```

Border

The CSS property to change the border of an element to Hex 92A350 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
#92A350 }
```

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

```
.border{ border-color:#92A350 }
```

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

Here you see how a box with a 4 pixel #92A350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92A350; -webkit-box-shadow:4px 4px  
4px 4px #92A350; box-shadow:4px 4px 4px  
4px #92A350 }
```

Background

The CSS property to change the background color of an element to Hex 92A350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92A350 }
```

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

```
.background{ background-color:#92A350 }
```

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