

Converting Colors

Hex(95AB2B)

Have a look what the booklet for
Hex(95AB2B) contains.

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Color

Hex(95AB2B)

Conversions

Conversions Part 1

Format	Color
Hex	95AB2B
RGB	149, 171, 43
RGB Percent	58%, 67%, 17%
CMY	0.4157, 0.3294, 0.8314
CMYK	0.13, 0.00, 0.75, 0.33
HSL	70°, 60%, 42%
HSV	70°, 75%, 67%
XYZ	27.3934, 35.6898, 7.7305
YIQ	149.8300, 27.9760, -44.4720

Conversions

Conversions Part 2

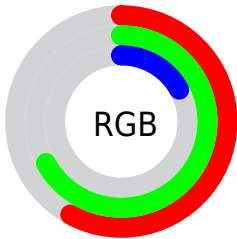
Format	Color
RYB	43, 171, 65
Decimal	9808683
CIELab	66.28, -24.39, 59.05
CIELCh	66, 63.890, 112.444
Yxy	35.6898, 0.3868, 0.5040
Android (android.graphics.Color)	4287998763 (0xFF95AB2B)
YUV	149.8300, -52.6672, -0.7279
Hunter-Lab	59.7409, -22.6979, 34.1465

Details

The Hex color **95AB2B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **412BAB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CEE262**, and **5E7700** is the 20% darker color. If you saturate the color by 10%, you get **92AB1A**, and if you desaturate by 10%, it is **98AB3C**.

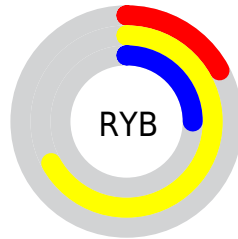
Distribution



Red (58%)

Green (67%)

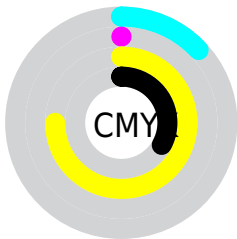
Blue (17%)



Red (17%)

Yellow (67%)

Blue (25%)

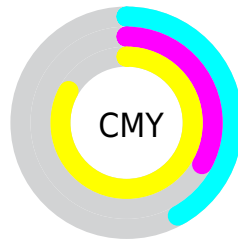


Cyan (13%)

Magenta (0%)

Yellow (75%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95AB2B 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 95AB2B by changing the saturation by 10% instead.

 95AB2B

 95AB2B

FFFFFF

 799004

 CEE262

 5E7700

 EBFF7D

 445E00

 FFFF99

 294600

 FFFFB5

 0D3000

 FFFFD1

 001D00

 FFFFEE

 000000

 95AB2B

 95AB2B

 92AB1A

 98AB3C

 8FAB09

 9BAB4D

 8EAB00

 9EAB5E

 A1AB6F

 A4AB80

 A7AB92

 AAABA3

 ADABB4

 AFABC5

Harmonies

Analogous

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



CB9923



95AB2B



4BB657

Triad

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



95AB2B



00B8FB



FF6CB2

Complementary

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



95AB2B



412BAB

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.



D97FE8



95AB2B



00ACFF

Square

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



95AB2B



00BCCB



8798FF



FF6E79

Rectangle

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



95AB2B



00BA7C



8798FF



F871C5

Sweetspot

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



95AB2B



D5DEAD



AB402B



6B7053



F0F0F0



707070

Same Dimension

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



95AB2B



BCDE16



56AB2B



55574E



7D9600



131700

Inverse Universe

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



412BAB



3916DE



802BAB



504E57



1A0096



040017

Previews

White Background



This preview shows how the Hex color 95AB2B looks on a white background.

Color Contrast Check

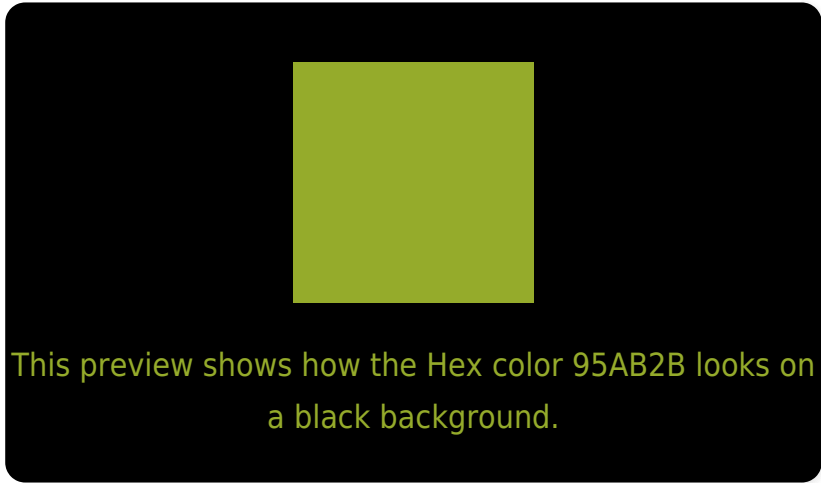
Large Text (above 18pt) WCAG AA × Fail

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 95AB2B Background



This preview shows how black text looks on a background with the Hex color 95AB2B.



This preview shows how white text looks on a background with the Hex color 95AB2B.

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

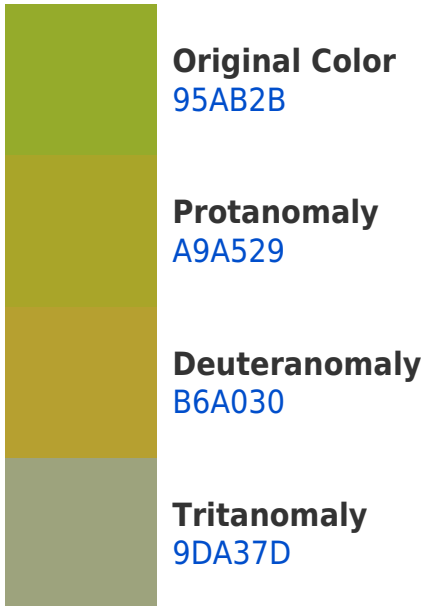


Original Color
95AB2B

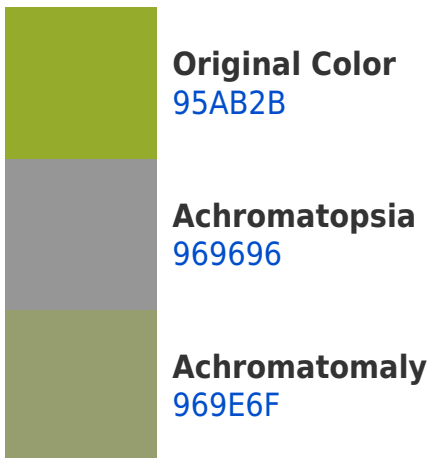
Protanopia
B5A128

Deuteranopia
C99933

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95AB2B 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 #95AB2B looks like.

```
.text, #text, p{  
    color:#95AB2B  
}
```

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 #95AB2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95AB2B
}
```

Border

The CSS property to change the border of an element to Hex 95AB2B 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
#95AB2B }
```

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

```
.border{ border-color:#95AB2B }
```

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

Here you see how a box with a 4 pixel #95AB2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95AB2B; -webkit-box-shadow:4px 4px  
4px 4px #95AB2B; box-shadow:4px 4px 4px  
4px #95AB2B }
```

Background

The CSS property to change the background color of an element to Hex 95AB2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95AB2B }
```

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

```
.background{ background-color:#95AB2B }
```

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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