

Converting Colors

Hex(94B326)

Have a look what the booklet for
Hex(94B326) contains.

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Color

Hex(94B326)

Conversions

Conversions Part 1

Format	Color
Hex	94B326
RGB	148, 179, 38
RGB Percent	58%, 70%, 15%
CMY	0.4196, 0.2980, 0.8510
CMYK	0.17, 0.00, 0.79, 0.30
HSL	73°, 65%, 43%
HSV	73°, 79%, 70%
XYZ	28.6827, 38.6760, 7.7872
YIQ	153.6570, 26.7850, -50.4230

Conversions

Conversions Part 2

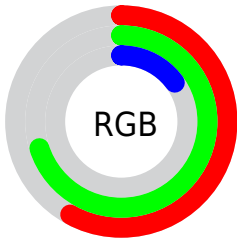
Format	Color
RYB	38, 179, 69
Decimal	9745190
CIELab	68.52, -28.92, 62.70
CIELCh	69, 69.047, 114.760
Yxy	38.6760, 0.3817, 0.5147
Android (android.graphics.Color)	4287935270 (0xFF94B326)
YUV	153.6570, -57.0189, -4.9612
Hunter-Lab	62.1901, -26.5066, 36.1090

Details

The Hex color **94B326** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4526B3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CDEB60**, and **5D7E00** is the 20% darker color. If you saturate the color by 10%, you get **90B314**, and if you desaturate by 10%, it is **98B338**.

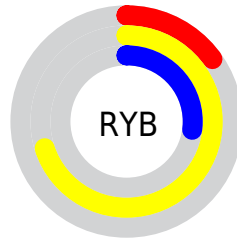
Distribution



Red (58%)

Green (70%)

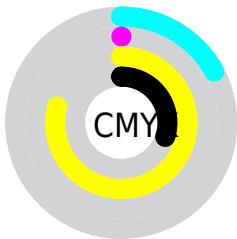
Blue (15%)



Red (15%)

Yellow (70%)

Blue (27%)

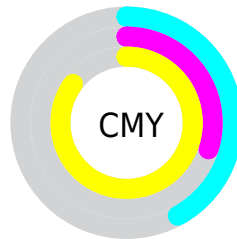


Cyan (17%)

Magenta (0%)

Yellow (79%)

Black (30%)



Cyan (42%)

Magenta (30%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94B326 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 94B326 by changing the saturation by 10% instead.



94B326



94B326

FFFFFF



789800



CDEB60



5D7E00



EBFF7B



426500



FFFF97



264D00



FFFFB3



063600



FFFFCF



002200



FFFFED



000000



94B326



94B326



90B314



98B338

 8CB302

 9CB34A

 8CB300

 A0B35C

 A4B36E

 A8B380

 ACB391

 B0B3A3

 B3B3B5

 B7B3C7

Harmonies

Analogous

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



D0A016



94B326



3BBE5B

Triad

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



94B326



00BFFF



FF6BB5

Complementary

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



94B326



4526B3

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.



E87FF0



94B326



00B2FF

Square

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



94B326



00C4DA



929BFF



FF7077

Rectangle

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



94B326



00C384



929BFF



FF70CA

Sweetspot

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



94B326



DCE8B0



B34526



6E7553



F5F5F5



757575

Same Dimension

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



94B326



B8E80C



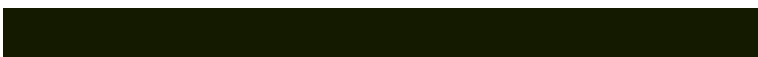
4EB326



575950



779900



141A00

Inverse Universe

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



4526B3



3C0CE8



8B26B3



525059



220099



06001A

Previews

White Background



This preview shows how the Hex color 94B326 looks on a white background.

Color Contrast Check

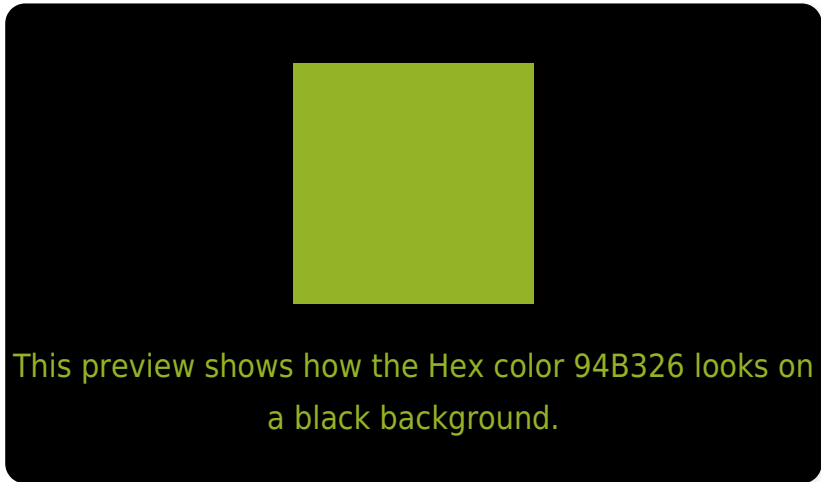
Large Text (above 18pt) WCAG AA × Fail

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 94B326 Background



This preview shows how black text looks on a background with the Hex color 94B326.



This preview shows how white text looks on a background with the Hex color 94B326.

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
94B326

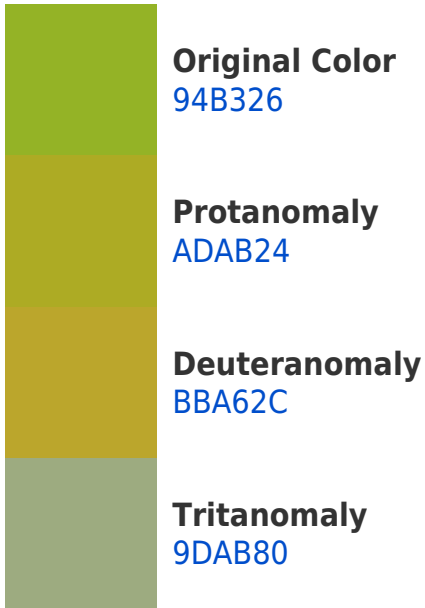
Protanopia
BCA723

Deuteranopia
D19E30

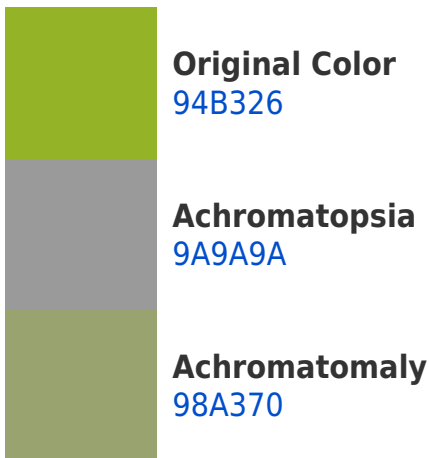


Tritanopia
A2A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94B326 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 #94B326 looks like.

```
.text, #text, p{  
    color:#94B326  
}
```

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 #94B326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B326
}
```

Border

The CSS property to change the border of an element to Hex 94B326 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
#94B326 }
```

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

```
.border{ border-color:#94B326 }
```

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

Here you see how a box with a 4 pixel #94B326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B326; -webkit-box-shadow:4px 4px  
4px 4px #94B326; box-shadow:4px 4px 4px  
4px #94B326 }
```

Background

The CSS property to change the background color of an element to Hex 94B326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B326 }
```

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

```
.background{ background-color:#94B326 }
```

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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