

Converting Colors

Hex(94B620)

Have a look what the booklet for
Hex(94B620) contains.

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Color

Hex(94B620)

Conversions

Conversions Part 1

Format	Color
Hex	94B620
RGB	148, 182, 32
RGB Percent	58%, 71%, 13%
CMY	0.4196, 0.2863, 0.8745
CMYK	0.19, 0.00, 0.82, 0.29
HSL	74°, 70%, 42%
HSV	74°, 82%, 71%
XYZ	29.2014, 39.8561, 7.5204
YIQ	154.7340, 27.8860, -53.8580

Conversions

Conversions Part 2

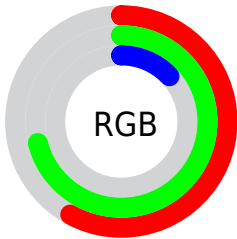
Format	Color
RYB	32, 182, 66
Decimal	9745952
CIELab	69.37, -30.58, 65.13
CIELCh	69, 71.946, 115.150
Yxy	39.8561, 0.3813, 0.5205
Android (android.graphics.Color)	4287936032 (0xFF94B620)
YUV	154.7340, -60.5079, -5.9057
Hunter-Lab	63.1317, -27.9157, 37.1294

Details

The Hex color **94B620** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4220B6**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CDEE5C**, and **5C8100** is the 20% darker color. If you saturate the color by 10%, you get **90B60E**, and if you desaturate by 10%, it is **98B632**.

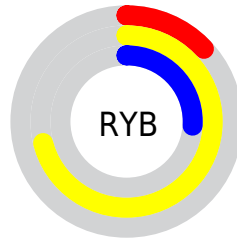
Distribution



Red (58%)

Green (71%)

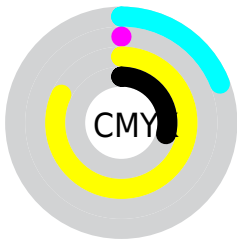
Blue (13%)



Red (13%)

Yellow (71%)

Blue (26%)

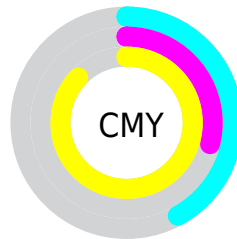


Cyan (19%)

Magenta (0%)

Yellow (82%)

Black (29%)



Cyan (42%)

Magenta (29%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94B620 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 94B620 by changing the saturation by 10% instead.

 94B620

 94B620

FFFFFF

 789B00

 CDEE5C

 5C8100

 EBFF78

 426800

 FFFF94

 254F00

 FFFF80

 033800

 FFFFCC

 002400

 FFFFEA

 000000

 94B620

 94B620

 90B60E

 98B632

■ 8DB600

■ 9CB644

■ A0B657

■ A5B669

■ A9B67B

■ ADB68D

■ B1B69F

■ B5B6B2

■ B9B6C4

Harmonies

Analogous

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



D2A309



94B620



33C25A

Triad

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



94B620



00C2FF



FF69B7

Complementary

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



94B620



4220B6

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.



EE7FF5



94B620



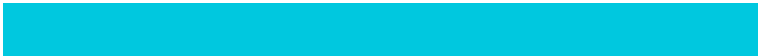
00B4FF

Square

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



94B620



00C8DF



949DFF



FF6F76

Rectangle

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



94B620



00C686



949DFF



FF6ECD

Sweetspot

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



94B620



E0EDB2



B64120



707854



F7F7F7



787878

Same Dimension

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



94B620



B8ED02



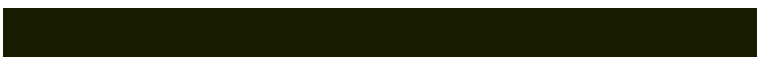
4BB620



5A5C53



789C00



161C00

Inverse Universe

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



4220B6



3802ED



8C20B6



55535C



23009C



06001C

Previews

White Background



This preview shows how the Hex color 94B620 looks on a white background.

Color Contrast Check

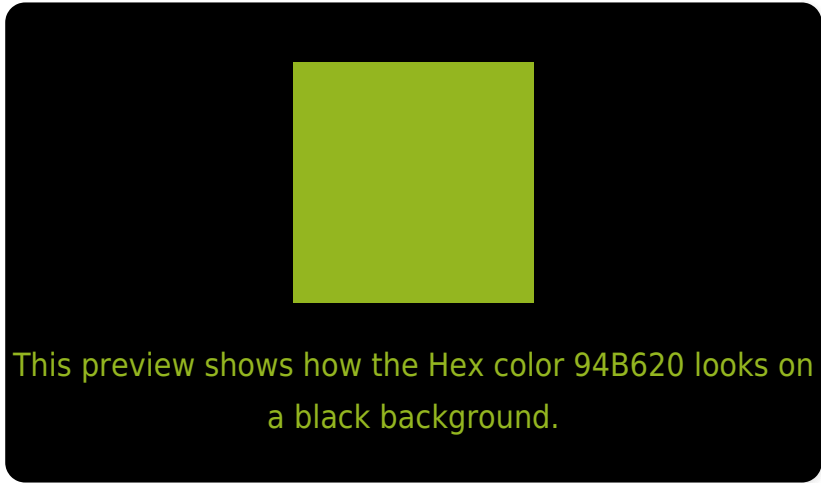
Large Text (above 18pt) WCAG AA × Fail

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 94B620 Background



This preview shows how black text looks on a background with the Hex color 94B620.

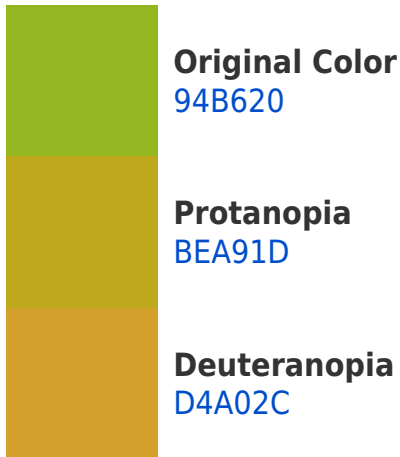


This preview shows how white text looks on a background with the Hex color 94B620.

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](#).

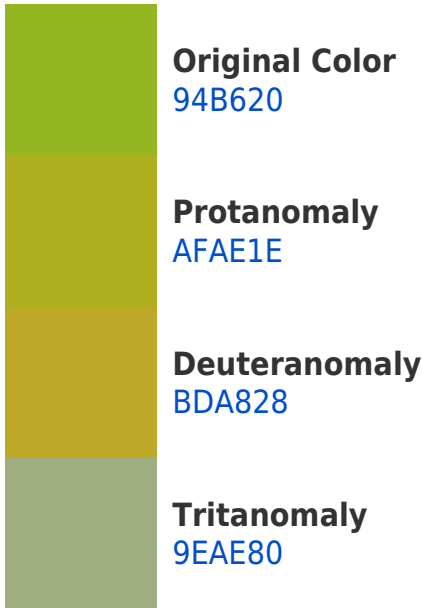
Dichromacy



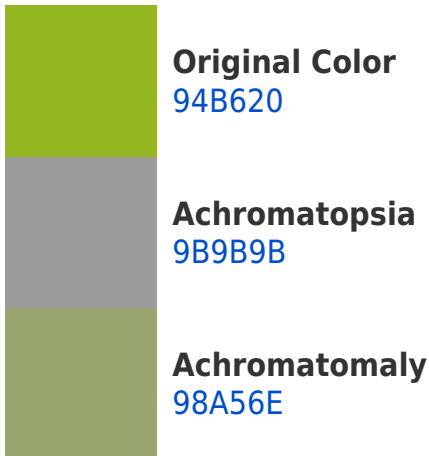


Tritanopia
A3A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94B620 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 #94B620 looks like.

```
.text, #text, p{  
    color:#94B620  
}
```

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 #94B620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B620
}
```

Border

The CSS property to change the border of an element to Hex 94B620 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
#94B620 }
```

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

```
.border{ border-color:#94B620 }
```

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

Here you see how a box with a 4 pixel #94B620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B620; -webkit-box-shadow:4px 4px  
4px 4px #94B620; box-shadow:4px 4px 4px  
4px #94B620 }
```

Background

The CSS property to change the background color of an element to Hex 94B620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B620 }
```

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

```
.background{ background-color:#94B620 }
```

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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