

Converting Colors

Hex(99B21A)

Have a look what the booklet for
Hex(99B21A) contains.

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Color

Hex(99B21A)

Conversions

Conversions Part 1

Format	Color
Hex	99B21A
RGB	153, 178, 26
RGB Percent	60%, 70%, 10%
CMY	0.4000, 0.3020, 0.8980
CMYK	0.14, 0.00, 0.85, 0.30
HSL	70°, 75%, 40%
HSV	70°, 85%, 70%
XYZ	29.2437, 38.6877, 6.9034
YIQ	153.1970, 33.8920, -52.5720

Conversions

Conversions Part 2

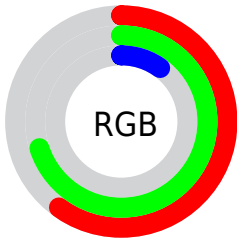
Format	Color
RYB	26, 178, 51
Decimal	10072602
CIELab	68.52, -26.78, 65.98
CIELCh	69, 71.210, 112.092
Yxy	38.6877, 0.3908, 0.5170
Android (android.graphics.Color)	4288262682 (0xFF99B21A)
YUV	153.1970, -62.7081, -0.1728
Hunter-Lab	62.1994, -24.9253, 36.9591

Details

The Hex color **99B21A** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **331AB2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D3EA58**, and **617D00** is the 20% darker color. If you saturate the color by 10%, you get **96B208**, and if you desaturate by 10%, it is **9CB22C**.

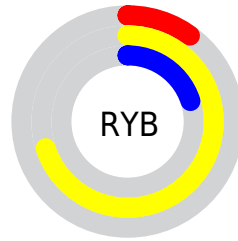
Distribution



Red (60%)

Green (70%)

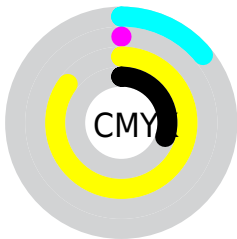
Blue (10%)



Red (10%)

Yellow (70%)

Blue (20%)

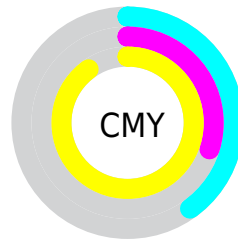


Cyan (14%)

Magenta (0%)

Yellow (85%)

Black (30%)



Cyan (40%)

Magenta (30%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B21A 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 99B21A by changing the saturation by 10% instead.

 99B21A

 99B21A

FFFFFF

 7D9700

 D3EA58

 617D00

 F0FF74

 476400

 FFFF90

 2B4C00

 FFFFAC

 0E3500

 FFFFC8

 002100

 FFFF E5

 000000

 99B21A

 99B21A

 96B208

 9CB22C

 95B200

 9FB23E

 A2B24F

 A5B261

 A8B273

 ABB285

 ADB297

 B0B2A8

 B3B2BA

Harmonies

Analogous

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



D59E0E



99B21A



42BE53

Triad

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



99B21A



00C0FF



FF69BB

Complementary

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



99B21A



331AB2

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.



E480F7



99B21A



00B4FF

Square

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



99B21A



00C5D6



859DFF



FF6B7B

Rectangle

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



99B21A



00C37D



859DFF



FF6FD0

Sweetspot

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



99B21A



DEE8AC



B2311A



6F7551



F5F5F5



757575

Same Dimension

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



99B21A



C2E800



4FB21A



585950



809900



151A00

Inverse Universe

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



331AB2



2600E8



7D1AB2



525059



190099



04001A

Previews

White Background



This preview shows how the Hex color 99B21A looks on a white background.

Color Contrast Check

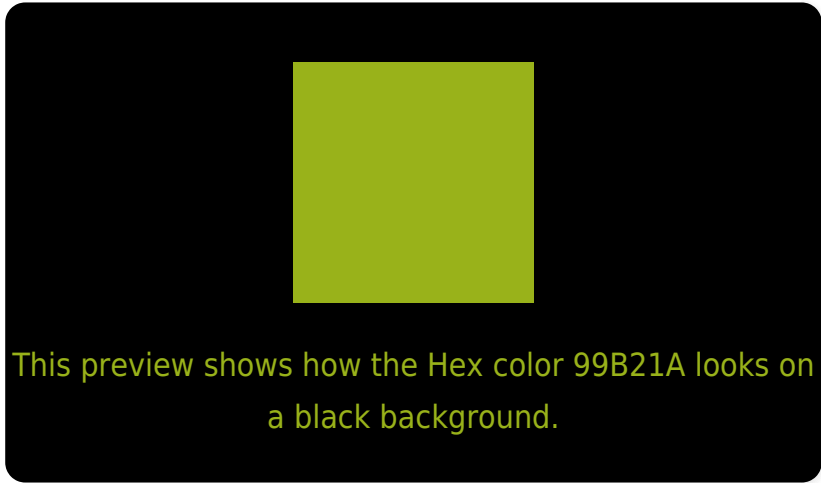
Large Text (above 18pt) WCAG AA × Fail

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 99B21A Background



This preview shows how black text looks on a background with the Hex color 99B21A.



This preview shows how white text looks on a background with the Hex color 99B21A.

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
99B21A

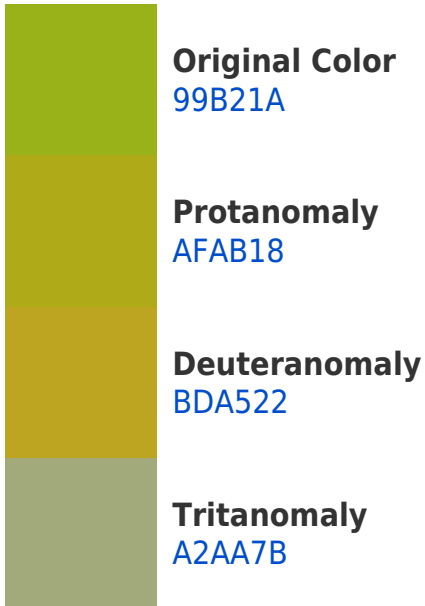
Protanopia
BCA717

Deuteranopia
D29E27

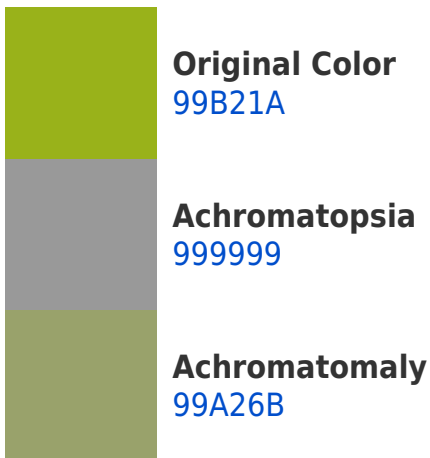


Tritanopia
A7A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B21A 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 #99B21A looks like.

```
.text, #text, p{  
    color:#99B21A  
}
```

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 #99B21A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B21A
}
```

Border

The CSS property to change the border of an element to Hex 99B21A 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
#99B21A }
```

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

```
.border{ border-color:#99B21A }
```

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

Here you see how a box with a 4 pixel #99B21A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B21A; -webkit-box-shadow:4px 4px  
4px 4px #99B21A; box-shadow:4px 4px 4px  
4px #99B21A }
```

Background

The CSS property to change the background color of an element to Hex 99B21A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B21A }
```

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

```
.background{ background-color:#99B21A }
```

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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