

Converting Colors

Hex(A5A22B)

Have a look what the booklet for
Hex(A5A22B) contains.

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Color

Hex(A5A22B)

Conversions

Conversions Part 1

Format	Color
Hex	A5A22B
RGB	165, 162, 43
RGB Percent	65%, 64%, 17%
CMY	0.3529, 0.3647, 0.8314
CMYK	0.00, 0.02, 0.74, 0.35
HSL	59°, 59%, 41%
HSV	59°, 74%, 65%
XYZ	28.8734, 34.0144, 7.3291
YIQ	149.3310, 39.9870, -36.3730

Conversions

Conversions Part 2

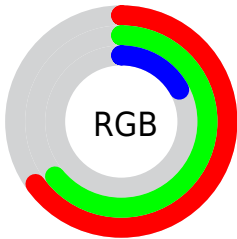
Format	Color
RYB	46, 165, 43
Decimal	10854955
CIELab	64.97, -12.91, 58.25
CIELCh	65, 59.667, 102.495
Yxy	34.0144, 0.4112, 0.4844
Android (android.graphics.Color)	4289045035 (0xFFA5A22B)
YUV	149.3310, -52.4212, 13.7417
Hunter-Lab	58.3219, -13.6932, 33.3745

Details

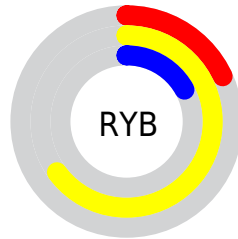
The Hex color **A5A22B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2B2EA5**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **DFD962**, and **6D6F00** is the 20% darker color. If you saturate the color by 10%, you get **A5A21B**, and if you desaturate by 10%, it is **A5A23B**.

Distribution



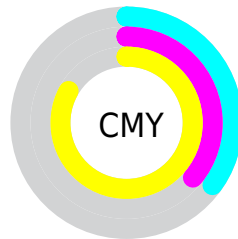
- Red (65%)
- Green (64%)
- Blue (17%)



- Red (18%)
- Yellow (65%)
- Blue (17%)



- Cyan (0%)
- Magenta (2%)
- Yellow (74%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5A22B 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 A5A22B by changing the saturation by 10% instead.



A5A22B



A5A22B

FFFFFF



898806



DFD962



6D6F00



FDF57C



535600



FFF998



393F00



FFF884



1F2A00



FFF800



001700



FFFED



000000



A5A22B



A5A22B



A5A21B



A5A23B

 A5A10A

 A5A34C

 A5A100

 A5A35C

 A5A46D

 A5A47E

 A5A48E

 A5A59E

 A5A5AF

 A5A6BF

Harmonies

Analogous

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



D49033



A5A22B



6AAF4A

Triad

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



A5A22B



00B5E5



EF72BF

Complementary

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



A5A22B



2B2EA5

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.



BD86ED



A5A22B



00ACFF

Square

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



A5A22B



00B8B3



619CFF



FF6D89

Rectangle

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



A5A22B



28B46A



619CFF



E277D0

Sweetspot

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



A5A22B



D6D5A7



A52B2F



6B6A4F



EBEBEB



6B6B6B

Same Dimension

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



A5A22B



D6D218



6CA52B



525149



918E00



121100

Inverse Universe

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



2B2EA5



181CD6



642BA5



494A52



000491



000012

Previews

White Background



This preview shows how the Hex color A5A22B looks on a white background.

Color Contrast Check

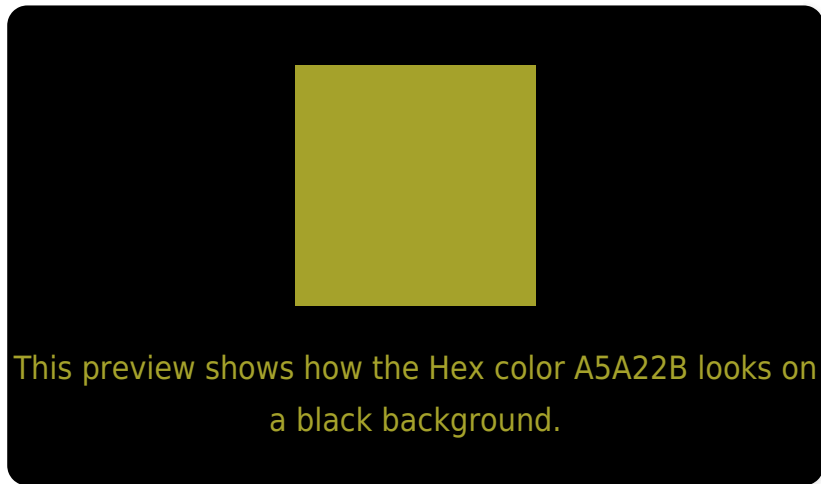
Large Text (above 18pt) WCAG AA × Fail

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 A5A22B Background



This preview shows how black text looks on a background with the Hex color A5A22B.



This preview shows how white text looks on a background with the Hex color A5A22B.

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
A5A22B

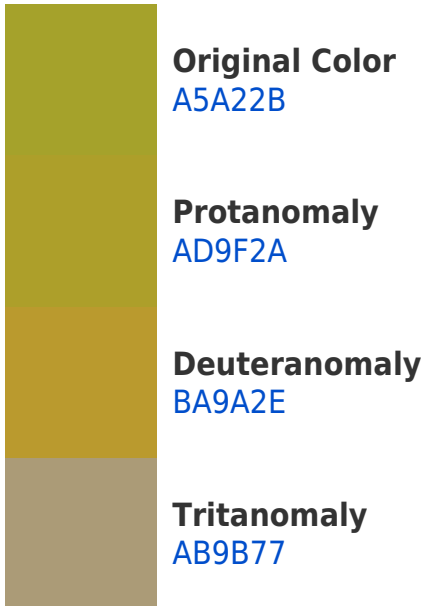
Protanopia
B19E2A

Deuteranopia
C69630

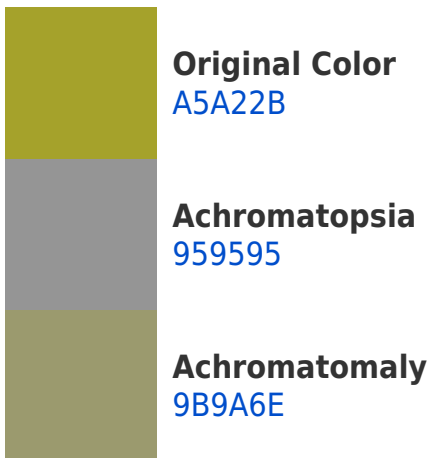


Tritanopia
AF97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A5A22B 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 #A5A22B looks like.

```
.text, #text, p{  
    color:#A5A22B  
}
```

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 #A5A22B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5A22B
}
```

Border

The CSS property to change the border of an element to Hex A5A22B 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
#A5A22B }
```

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

```
.border{ border-color:#A5A22B }
```

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

Here you see how a box with a 4 pixel #A5A22B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5A22B; -webkit-box-shadow:4px 4px  
4px 4px #A5A22B; box-shadow:4px 4px 4px  
4px #A5A22B }
```

Background

The CSS property to change the background color of an element to Hex A5A22B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5A22B }
```

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

```
.background{ background-color:#A5A22B }
```

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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