

Converting Colors

Hex(A82B18)

Have a look what the booklet for
Hex(A82B18) contains.

Hex(A82B18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A82B18)

Conversions

Conversions Part 1

Format	Color
Hex	A82B18
RGB	168, 43, 24
RGB Percent	66%, 17%, 9%
CMY	0.3412, 0.8314, 0.9059
CMYK	0.00, 0.74, 0.86, 0.34
HSL	8°, 75%, 38%
HSV	8°, 86%, 66%
XYZ	17.1772, 10.1185, 1.9119
YIQ	78.2090, 80.5990, 20.5910

Conversions

Conversions Part 2

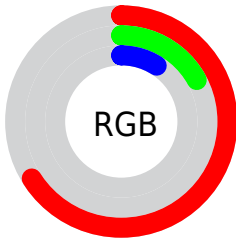
Format	Color
RYB	168, 46, 24
Decimal	11021080
CIELab	38.05, 49.70, 41.21
CIElCh	38, 64.562, 39.670
Yxy	10.1185, 0.5881, 0.3464
Android (android.graphics.Color)	4289211160 (0xFFA82B18)
YUV	78.2090, -26.7250, 78.7467
Hunter-Lab	31.8096, 40.7231, 18.7032

Details

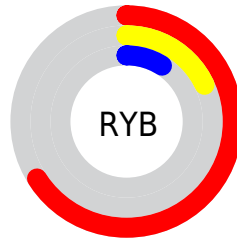
The Hex color **A82B18** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1895A8**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **E66246**, and **6B0000** is the 20% darker color. If you saturate the color by 10%, you get **A81C07**, and if you desaturate by 10%, it is **A83A29**.

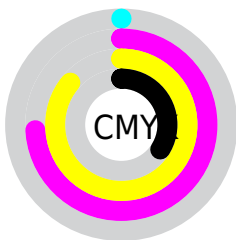
Distribution



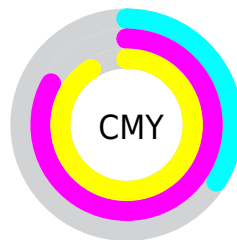
- Red (66%)
- Green (17%)
- Blue (9%)



- Red (66%)
- Yellow (18%)
- Blue (9%)



- Cyan (0%)
- Magenta (74%)
- Yellow (86%)
- Black (34%)



- Cyan (34%)
- Magenta (83%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color A82B18 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 A82B18 by changing the saturation by 10% instead.

 A82B18

 A82B18

FFFFFF

 8A0500

 E66246

 6B0000

 FF7D5E

 4E0000

 FF9877

 330002

 FFB491

 000000

 FFD1AC

 FFEEC8


 FFFFE4

 A82B18

 A82B18

 A81C07

 A83A29

 A81600

 A8483A

 A8574A

 A8655B

 A8746C

 A8837D

 A8918E

 A8A09E

 A8AEAF

Harmonies

Analogous

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



B3024B



A82B18



8A4900

Triad

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



A82B18



006D33



005BC2

Complementary

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



A82B18



1895A8

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.



0069BD



A82B18



006F6A

Square

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



A82B18



1E6800



006F9C



6E42AB

Rectangle

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



A82B18



6E5700



006F9C



0061C4

Sweetspot

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



A82B18



DBAAA2



A81897



6E504C



EDEDED



6E6E6E

Same Dimension

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



A82B18



DB1D00



A87118



544D4C



941400



140300

Inverse Universe

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



1895A8



00BEDB



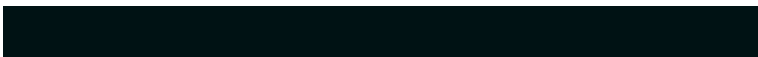
184FA8



4C5354



008094



001214

Previews

White Background



This preview shows how the Hex color A82B18 looks on a white background.

Color Contrast Check

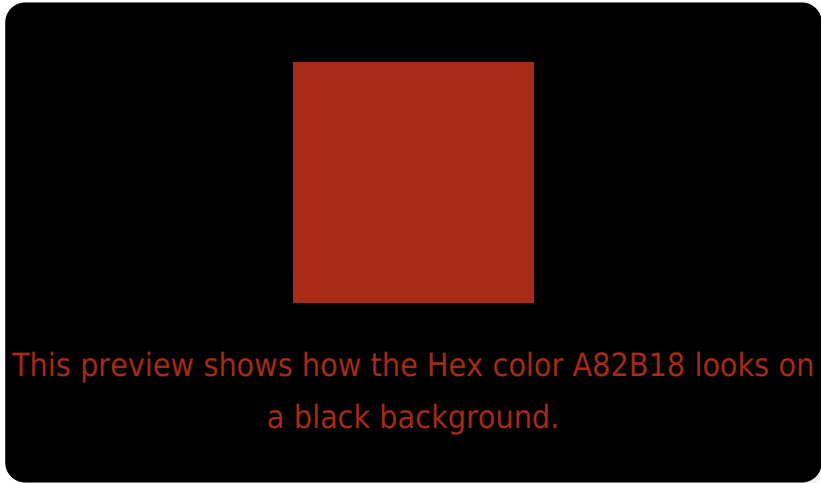
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A82B18 Background



This preview shows how black text looks on a background with the Hex color A82B18.



This preview shows how white text looks on a background with the Hex color A82B18.

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
A82B18

Protanopia
655B24

Deuteranopia
735600



Tritanopia
A8292A

Trichromacy



Original Color
A82B18

Protanomaly
7D4A20

Deuteranomaly
864609

Tritanomaly
A82A23

Monochromacy



Original Color
A82B18

Achromatopsia
4E4E4E

Achromatomaly
6F413A

CSS Examples

Text

The CSS property to change the color of the text to Hex A82B18 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 #A82B18 looks like.

```
.text, #text, p{  
    color:#A82B18  
}
```

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 #A82B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A82B18
}
```

Border

The CSS property to change the border of an element to Hex A82B18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

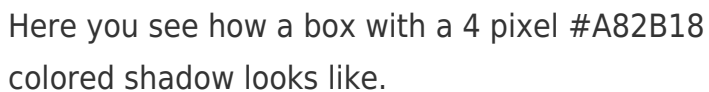
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A82B18 }
```

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

```
.border{ border-color:#A82B18 }
```

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



Here you see how a box with a 4 pixel #A82B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A82B18; -webkit-box-shadow:4px 4px  
4px 4px #A82B18; box-shadow:4px 4px 4px  
4px #A82B18 }
```

Background

The CSS property to change the background color of an element to Hex A82B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A82B18 }
```

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

```
.background{ background-color:#A82B18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor