

# Converting Colors

Hex(B82C18)

Have a look what the booklet for  
Hex(B82C18) contains.

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# Color

**Hex(B82C18)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B82C18
RGB	184, 44, 24
RGB Percent	72%, 17%, 9%
CMY	0.2784, 0.8275, 0.9059
CMYK	0.00, 0.76, 0.87, 0.28
HSL	8°, 77%, 41%
HSV	8°, 87%, 72%
XYZ	20.8327, 12.0577, 2.0935
YIQ	83.5800, 89.8600, 23.4600

# Conversions

## Conversions Part 2

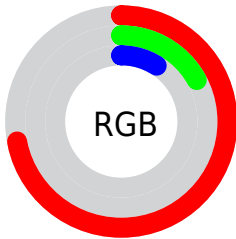
Format	Color
<a href="#">RYB</a>	<a href="#">184, 47, 24</a>
Decimal	<a href="#">12069912</a>
CIELab	<a href="#">41.31, 54.45, 45.23</a>
CIElCh	<a href="#">41, 70.784, 39.713</a>
Yxy	<a href="#">12.0577, 0.5955, 0.3447</a>
Android (android.graphics.Color)	<a href="#">4290259992</a> ( <a href="#">0xFFB82C18</a> )
YUV	<a href="#">83.5800, -29.3729, 88.0683</a>
Hunter-Lab	<a href="#">34.7241, 46.3237, 20.7323</a>

# Details

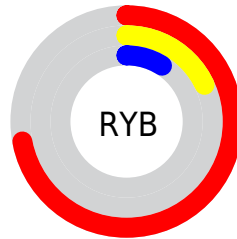
The Hex color **B82C18** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **18A4B8**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F76547**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B81C06**, and if you desaturate by 10%, it is **B83C2A**.

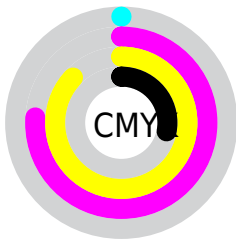
# Distribution



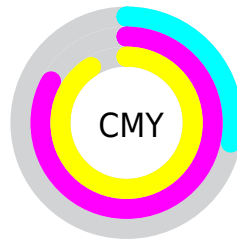
- Red (72%)
- Green (17%)
- Blue (9%)



- Red (72%)
- Yellow (18%)
- Blue (9%)



- Cyan (0%)
- Magenta (76%)
- Yellow (87%)
- Black (28%)



- Cyan (28%)
- Magenta (83%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B82C18 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 B82C18 by changing the saturation by 10% instead.



 B82C18

 B82C18

FFFFFF

 990100

 F76547

 7A0000

 FF805F

 5B0000

 FF9C78

 400002

 FFB993

 1F0001

 FFD5AD

 000000

 FFF3C9

 FFFF E5

 B82C18

 B82C18

 B81C06

 B83C2A

 B81700

 B84C3D

 B85C4F

 B86C62

 B87C74

 B88D86

 B89D99

 B8ADAB

 B8BDBE

# Harmonies

## Analogous

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



C40051



B82C18



964F00

# Triad

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



B82C18



007736



0063D6

# Complementary

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



B82C18



18A4B8

# 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.



0073D0



B82C18



007974

# Square

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



B82C18



1B7100



0079AB



7747BC

# Rectangle

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



B82C18



785F00



0079AB



006AD8



# Sweetspot

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



B82C18



F0B9B1



B818A5



785753



F7F7F7



787878



# Same Dimension

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



B82C18



F01E00



B87B18



5C5453



9C1300



1C0400



# Inverse Universe

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



18A4B8



00D2F0



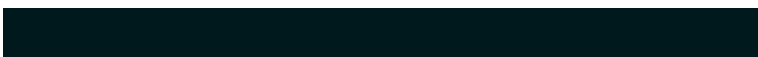
1855B8



535B5C



00889C



00191C



# Previews

## White Background



This preview shows how the Hex color B82C18 looks on a white background.

## Color Contrast Check

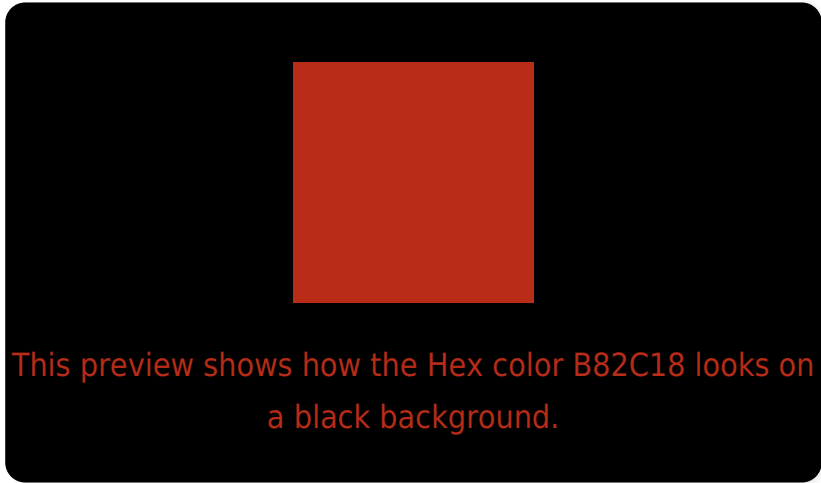
Large Text (above 18pt) WCAG AA ✓ Pass

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 B82C18 Background



This preview shows how black text looks on a background with the Hex color B82C18.

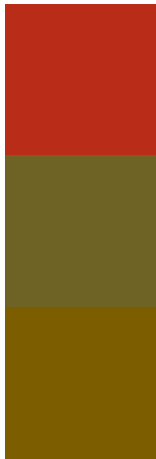


This preview shows how white text looks on a background with the Hex color B82C18.

# 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



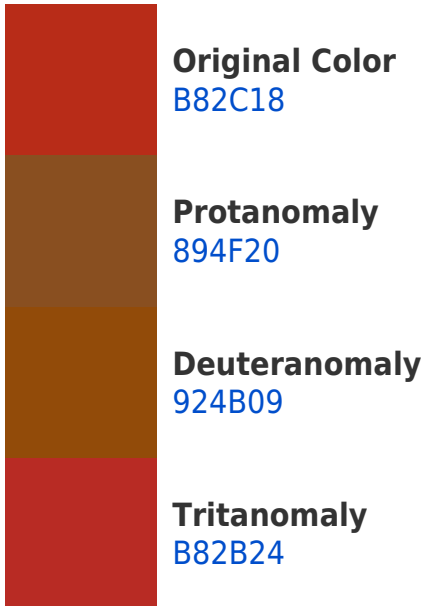
**Original Color**  
B82C18

**Protanopia**  
6E6325

**Deuteranopia**  
7C5D00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B82C18 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 #B82C18 looks like.

```
.text, #text, p{  
    color:#B82C18  
}
```

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 #B82C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B82C18
}
```

## Border

The CSS property to change the border of an element to Hex B82C18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

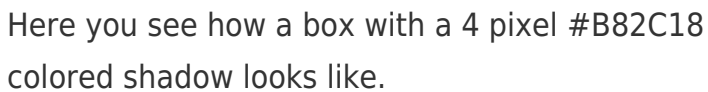
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B82C18 }
```

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

```
.border{ border-color:#B82C18 }
```

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



Here you see how a box with a 4 pixel #B82C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B82C18; -webkit-box-shadow:4px 4px  
4px 4px #B82C18; box-shadow:4px 4px 4px  
4px #B82C18 }
```

# Background

The CSS property to change the background color of an element to Hex B82C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B82C18 }
```

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

```
.background{ background-color:#B82C18 }
```

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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