

# Converting Colors

Hex(AB1920)

Have a look what the booklet for  
Hex(AB1920) contains.

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# Color

**Hex(AB1920)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB1920
RGB	171, 25, 32
RGB Percent	67%, 10%, 13%
CMY	0.3294, 0.9020, 0.8745
CMYK	0.00, 0.85, 0.81, 0.33
HSL	357°, 74%, 38%
HSV	357°, 85%, 67%
XYZ	17.4029, 9.4575, 2.2747
YIQ	69.4520, 84.7690, 33.1290

# Conversions

## Conversions Part 2

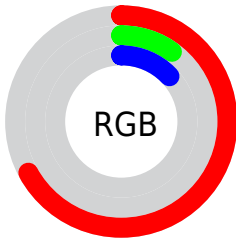
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 25, 32
Decimal	11213088
CIE Lab	36.85, 56.12, 36.04
CIE LCh	37, 66.693, 32.709
Yxy	9.4575, 0.5973, 0.3246
Android (android.graphics.Color)	4289403168 (0xFFAB1920)
YUV	69.4520, -18.4638, 89.0576
Hunter-Lab	30.7530, 47.1942, 17.1415

# Details

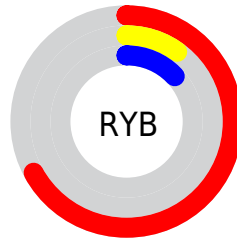
The Hex color **AB1920** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **19ABA4**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **EA574D**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AB0810**, and if you desaturate by 10%, it is **AB2A30**.

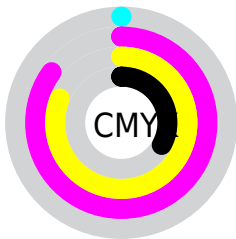
# Distribution



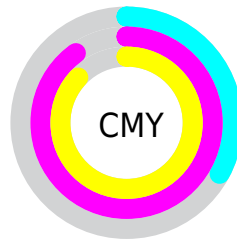
- Red (67%)
- Green (10%)
- Blue (13%)



- Red (67%)
- Yellow (10%)
- Blue (13%)



- Cyan (0%)
- Magenta (85%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (90%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB1920 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 AB1920 by changing the saturation by 10% instead.



 AB1920

 AB1920

FFFFFF

 8C000B

 EA574D

 6E0000

 FF7365

 500000

 FF8F7E

 340002

 FFAB99

 000000

 FFC7B3

 FFE4CF

 FFFFEB

 AB1920

 AB1920

■ AB0810

■ AB2A30

■ AB0008

■ AB3B41

■ AB4C51

■ AB5D61

■ AB6E71

■ AB8082

■ AB9192

■ ABA2A2

■ ABB3B3

# Harmonies

## Analogous

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



B10054



AB1920



903F00

# Triad

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



AB1920



006A20



005DC4

# Complementary

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



AB1920



19ABA4

# 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.



0069B7



AB1920



006C5A

# Square

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



AB1920



2D6300



006D90



5545B2

# Rectangle

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



AB1920



765000



006D90



0062C3



# Sweetspot

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



AB1920



DEA4A7



A419AB



704D4F



F0F0F0



707070



# Same Dimension

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



AB1920



DE000B



AB5B19



574E4E



960007



170001



# Inverse Universe

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



AB1920



DE000B



1969AB



574E4E



960007



170001



# Previews

## White Background



This preview shows how the Hex color AB1920 looks on a white background.

## Color Contrast Check

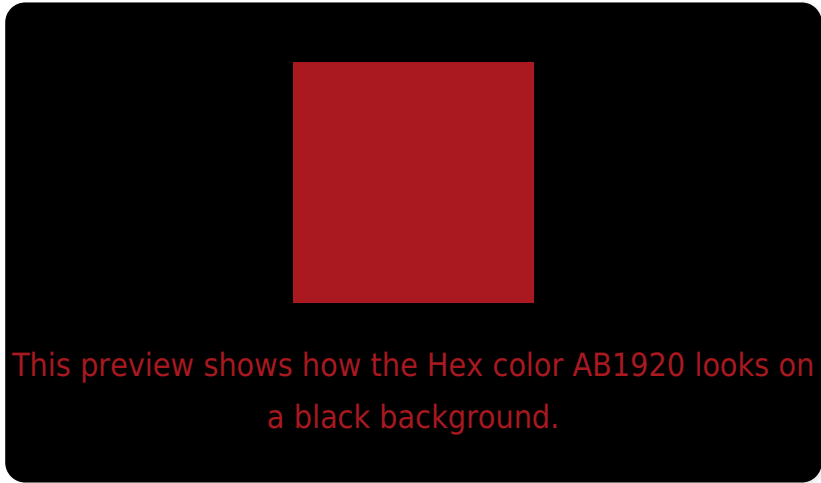
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Hex AB1920 Background



This preview shows how black text looks on a background with the Hex color AB1920.

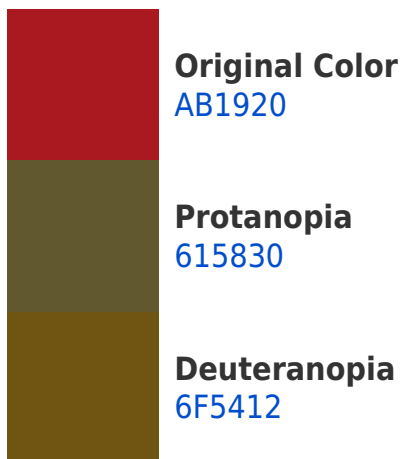


This preview shows how white text looks on a background with the Hex color AB1920.

# Color Blindness Simulation

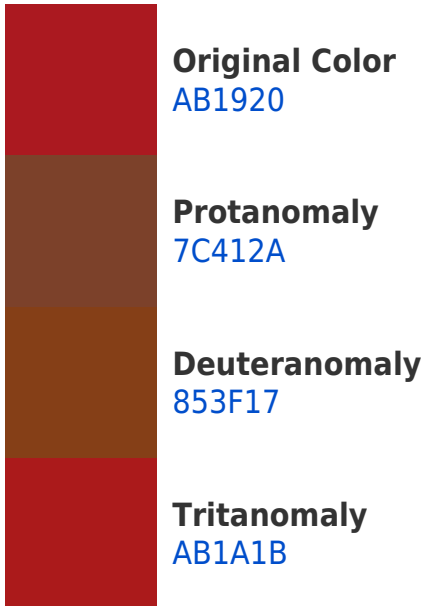
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

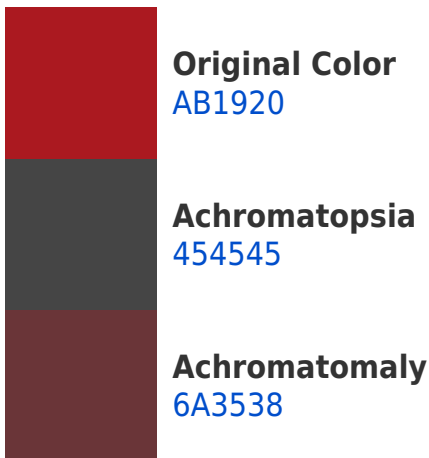




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB1920 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 #AB1920 looks like.

```
.text, #text, p{  
    color:#AB1920  
}
```

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 #AB1920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB1920 } }
```

## Border

The CSS property to change the border of an element to Hex AB1920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

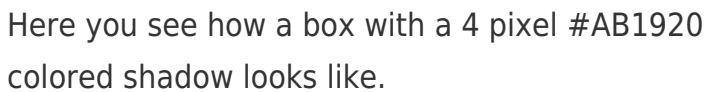
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #AB1920 } }
```

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

```
.border{ border-color:#AB1920 }
```

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



Here you see how a box with a 4 pixel #AB1920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB1920; -webkit-box-shadow:4px 4px  
4px 4px #AB1920; box-shadow:4px 4px 4px  
4px #AB1920 }
```

# Background

The CSS property to change the background color of an element to Hex AB1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB1920 }
```

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

```
.background{ background-color:#AB1920 }
```

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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