

Converting Colors

Hex(AB2E21)

Have a look what the booklet for
Hex(AB2E21) contains.

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Color

Hex(AB2E21)

Conversions

Conversions Part 1

Format	Color
Hex	AB2E21
RGB	171, 46, 33
RGB Percent	67%, 18%, 13%
CMY	0.3294, 0.8196, 0.8706
CMYK	0.00, 0.73, 0.81, 0.33
HSL	6°, 68%, 40%
HSV	6°, 81%, 67%
XYZ	18.0461, 10.7217, 2.5572
YIQ	81.8930, 78.6730, 22.4570

Conversions

Conversions Part 2

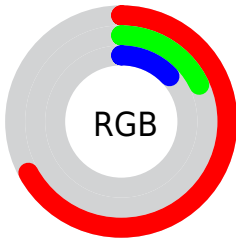
Format	Color
R_{YB}	171, 47, 33
Decimal	11218465
CIE _{Lab}	39.11, 49.84, 37.74
CIE _{LCh}	39, 62.518, 37.131
Yxy	10.7217, 0.5761, 0.3423
Android (android.graphics.Color)	4289408545 (0xFFAB2E21)
YUV	81.8930, -24.1042, 78.1468
Hunter-Lab	32.7440, 41.0739, 18.2905

Details

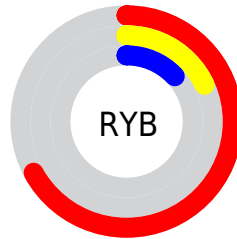
The Hex color **AB2E21** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **219EAB**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E9654F**, and **6F0000** is the 20% darker color. If you saturate the color by 10%, you get **AB1F10**, and if you desaturate by 10%, it is **AB3D32**.

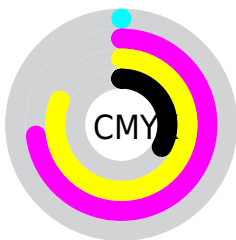
Distribution



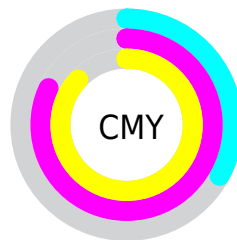
- Red (67%)
- Green (18%)
- Blue (13%)



- Red (67%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (73%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (82%)
- Yellow (87%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB2E21 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 AB2E21 by changing the saturation by 10% instead.

 AB2E21

 AB2E21

FFFFFF

 8D0B0B

 E9654F

 6F0000

 FF8067

 510000

 FF9B81

 360002

 FFB79B

 080000

 FFD4B6

 000000

 FFF1D2

 FFFFEE

 AB2E21

 AB2E21

 AB1F10

 AB3D32

 AB1000

 AB4D43

 AB5C54

 AB6C65

 AB7B77

 AB8B88

 AB9A99

 ABAAAA

 ABB9BB

Harmonies

Analogous

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



B31452



AB2E21



8F4A00

Triad

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



AB2E21



006F32



005FC2

Complementary

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



AB2E21



219EAB

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.



006CBA



AB2E21



007267

Square

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



AB2E21



2C6A00



007199



6A48AE

Rectangle

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



AB2E21



755800



007199



0064C3

Sweetspot

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



AB2E21



DEAEA9



AB21A0



705350



F0F0F0



707070

Same Dimension

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



AB2E21



DE1B07



AB7121



574F4E



960E00



170200

Inverse Universe

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



219EAB



07CADE



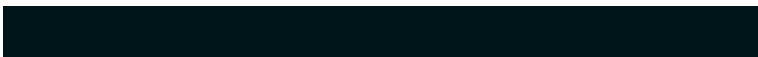
215BAB



4E5657



008896



001517

Previews

White Background



This preview shows how the Hex color AB2E21 looks on a white background.

Color Contrast Check

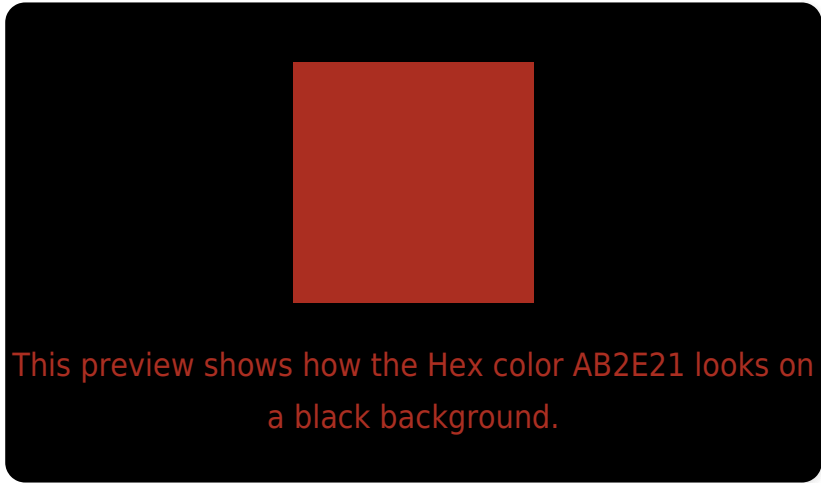
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB2E21 Background



This preview shows how black text looks on a background with the Hex color AB2E21.



This preview shows how white text looks on a background with the Hex color AB2E21.

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

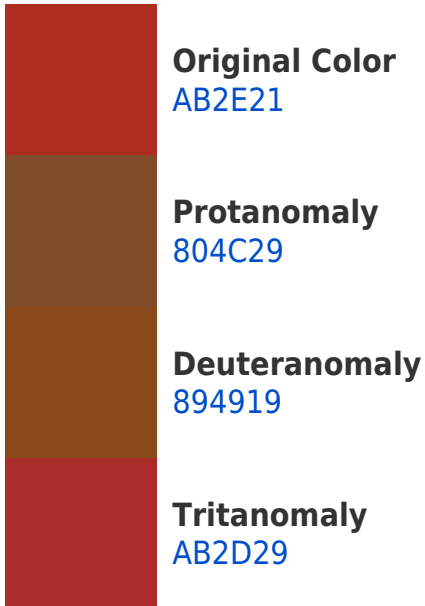


Original Color
AB2E21

Protanopia
675D2E

Deuteranopia
755815

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB2E21 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 #AB2E21 looks like.

```
.text, #text, p{  
    color:#AB2E21  
}
```

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 #AB2E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB2E21  
}
```

Border

The CSS property to change the border of an element to Hex AB2E21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

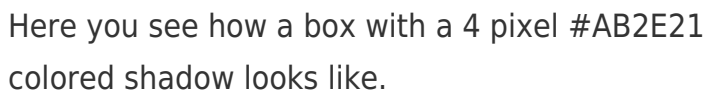
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AB2E21 }
```

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

```
.border{ border-color:#AB2E21 }
```

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



Here you see how a box with a 4 pixel #AB2E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB2E21; -webkit-box-shadow:4px 4px  
4px 4px #AB2E21; box-shadow:4px 4px 4px  
4px #AB2E21 }
```

Background

The CSS property to change the background color of an element to Hex AB2E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB2E21 }
```

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

```
.background{ background-color:#AB2E21 }
```

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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