

Converting Colors

Hex(AB412D)

Have a look what the booklet for
Hex(AB412D) contains.

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Color

Hex(AB412D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AB412D |
| RGB | 171, 65, 45 |
| RGB Percent | 67%, 25%, 18% |
| CMY | 0.3294, 0.7451, 0.8235 |
| CMYK | 0.00, 0.62, 0.74, 0.33 |
| HSL | 10°, 58%, 42% |
| HSV | 10°, 74%, 67% |
| XYZ | 19.1585, 12.6280, 3.9103 |
| YIQ | 94.4140, 69.5960, 16.2520 |

Conversions

Conversions Part 2

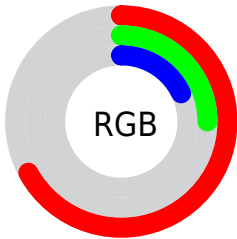
| Format | Color |
|-------------------------------------|--|
| RYB | 171, 69, 45 |
| Decimal | 11223341 |
| CIELab | 42.20, 42.31, 34.35 |
| CIElCh | 42, 54.505, 39.073 |
| Yxy | 12.6280, 0.5367, 0.3538 |
| Android (android.graphics.Color) | 4289413421 (0xFFAB412D) |
| YUV | 94.4140, -24.3611, 67.1659 |
| Hunter-Lab | 35.5359, 34.0473, 18.3510 |

Details

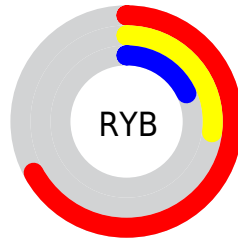
The Hex color **AB412D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2D97AB**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E8755C**, and **700600** is the 20% darker color. If you saturate the color by 10%, you get **AB331C**, and if you desaturate by 10%, it is **AB4F3E**.

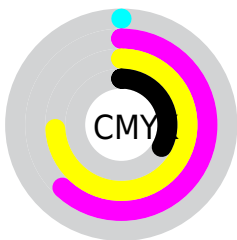
Distribution



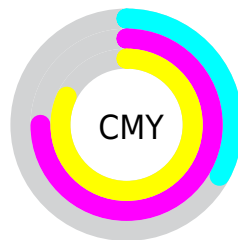
- Red (67%)
- Green (25%)
- Blue (18%)



- Red (67%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (62%)
- Yellow (74%)
- Black (33%)



- Cyan (33%)
- Magenta (75%)
- Yellow (82%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB412D 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 AB412D by changing the saturation by 10% instead.

 AB412D

 AB412D

FFFFFF

 8D2717

 E8755C

 700600

 FF9075

 530000

 FFAB8E

 380001

 FFC7A9

 140000

 FFE4C4

 000000

 FFFFE1

 FFFFFD

 AB412D

 AB412D

 AB331C

 AB4F3E

 AB240B

 AB5E4F

 AB1B00

 AB6C60

 AB7B71

 AB8983

 AB9794

 ABA6A5

 ABB4B6

 ABC2C7

Harmonies

Analogous

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



B33358



AB412D



915600

Triad

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



AB412D



007642



0065BD

Complementary

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



AB412D



2D97AB

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.



0071B8



AB412D



007870

Square

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



AB412D



3A7013



00779B



7651AA

Rectangle

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



AB412D



796100



00779B



006ABE

Sweetspot

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



AB412D



DEB5AD



AB2D98



705853



F0F0F0



707070

Same Dimension

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



AB412D



DE3A1B



AB7F2D



574F4E



961800



170400

Inverse Universe

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



2D97AB



1BBFDE



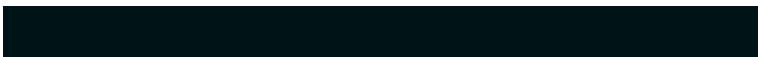
2D59AB



4E5557



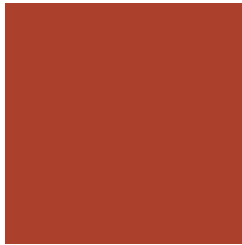
007F96



001317

Previews

White Background



This preview shows how the Hex color AB412D looks on a white background.

Color Contrast Check

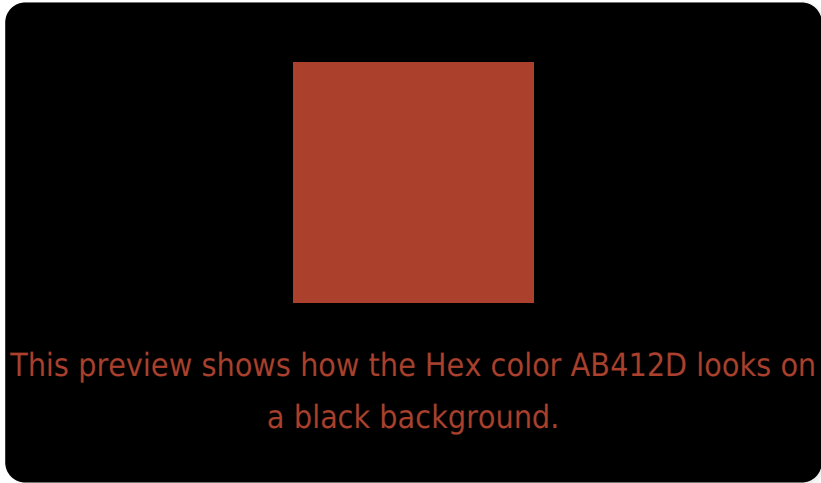
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB412D Background



This preview shows how black text looks on a background with the Hex color AB412D.



This preview shows how white text looks on a background with the Hex color AB412D.

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

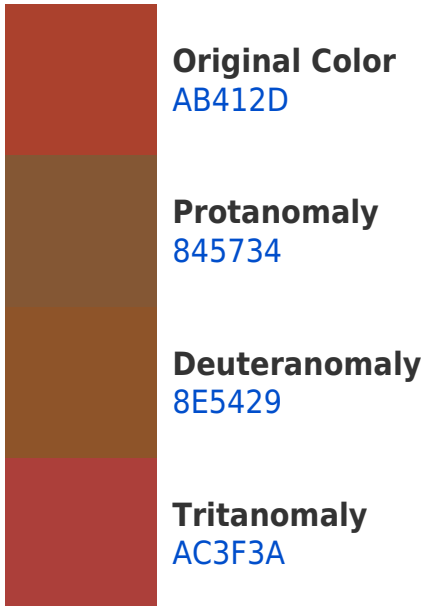


Original Color
AB412D

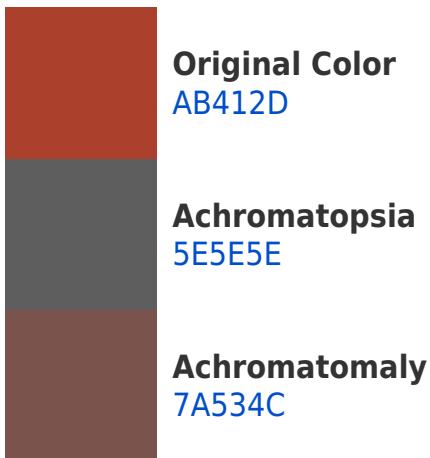
Protanopia
6E6438

Deuteranopia
7D5F26

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB412D 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 #AB412D looks like.

```
.text, #text, p{  
    color:#AB412D  
}
```

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 #AB412D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB412D
}
```

Border

The CSS property to change the border of an element to Hex AB412D is called "border". The border property can be set on classes, ids or directly on the HTML element.

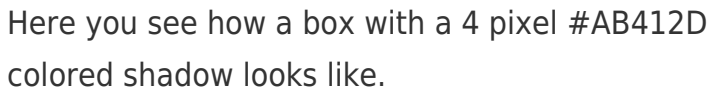
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB412D }
```

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

```
.border{ border-color:#AB412D }
```

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



Here you see how a box with a 4 pixel `#AB412D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB412D; -webkit-box-shadow:4px 4px  
4px 4px #AB412D; box-shadow:4px 4px 4px  
4px #AB412D }
```

Background

The CSS property to change the background color of an element to Hex AB412D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB412D }
```

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

```
.background{ background-color:#AB412D }
```

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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