

Converting Colors

Hex(AB562D)

Have a look what the booklet for
Hex(AB562D) contains.

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Color

Hex(AB562D)

Conversions

Conversions Part 1

Format	Color
Hex	AB562D
RGB	171, 86, 45
RGB Percent	67%, 34%, 18%
CMY	0.3294, 0.6627, 0.8235
CMYK	0.00, 0.50, 0.74, 0.33
HSL	20°, 58%, 42%
HSV	20°, 74%, 67%
XYZ	20.5960, 15.5030, 4.3895
YIQ	106.7410, 63.8210, 5.2690

Conversions

Conversions Part 2

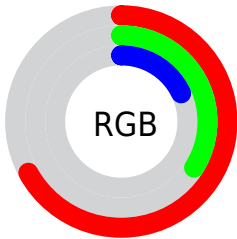
Format	Color
R _Y B	171, 106, 45
Decimal	11228717
CIE Lab	46.32, 31.72, 38.86
CIE LCh	46, 50.164, 50.780
Yxy	15.5030, 0.5087, 0.3829
Android (android.graphics.Color)	4289418797 (0xFFAB562D)
YUV	106.7410, -30.4383, 56.3551
Hunter-Lab	39.3738, 24.4673, 20.9519

Details

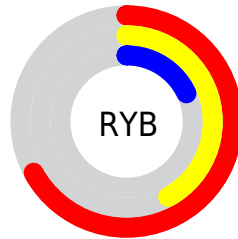
The Hex color **AB562D** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2D82AB**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E7895D**, and **712500** is the 20% darker color. If you saturate the color by 10%, you get **AB4A1C**, and if you desaturate by 10%, it is **AB623E**.

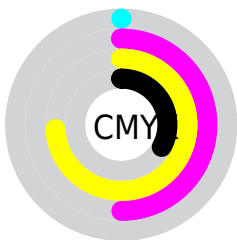
Distribution



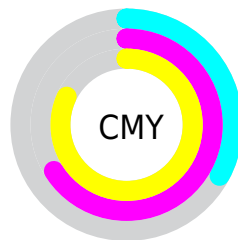
- Red (67%)
- Green (34%)
- Blue (18%)



- Red (67%)
- Yellow (42%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (74%)
- Black (33%)



- Cyan (33%)
- Magenta (66%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB562D 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 AB562D by changing the saturation by 10% instead.

 AB562D

 AB562D

FFFFFF

 8E3E16

 E7895D

 712500

 FFA476

 550C00

 FFBF90

 390000

 FFDCAB

 1D0001

 FFF8C6

 000000

 FFFF E3

 AB562D

 AB562D

 AB4A1C

 AB623E

 AB3F0B

 AB6D4F

 AB3800

 AB7960

 AB8471

 AB9083

 AB9B94

 ABA7A5

 ABB2B6

 ABBEC7

Harmonies

Analogous

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



B94752



AB562D



8E6710

Triad

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



AB562D



00815F



5568BD

Complementary

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



AB562D



2D82AB

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.



0076C1



AB562D



00828A

Square

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



AB562D



317D35



007FAE



9455A3

Rectangle

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



AB562D



75710D



007FAE



306DC1

Sweetspot

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



AB562D



DEBDAD



AB2D83



705D53



F0F0F0



707070

Same Dimension

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



AB562D



DE5A1B



AB942D



57514E



963100



170700

Inverse Universe

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



2D82AB



1B9EDE



2D44AB



4E5457



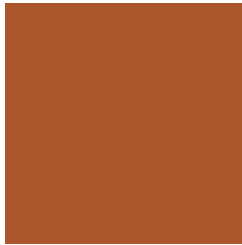
006596



000F17

Previews

White Background



This preview shows how the Hex color AB562D looks on a white background.

Color Contrast Check

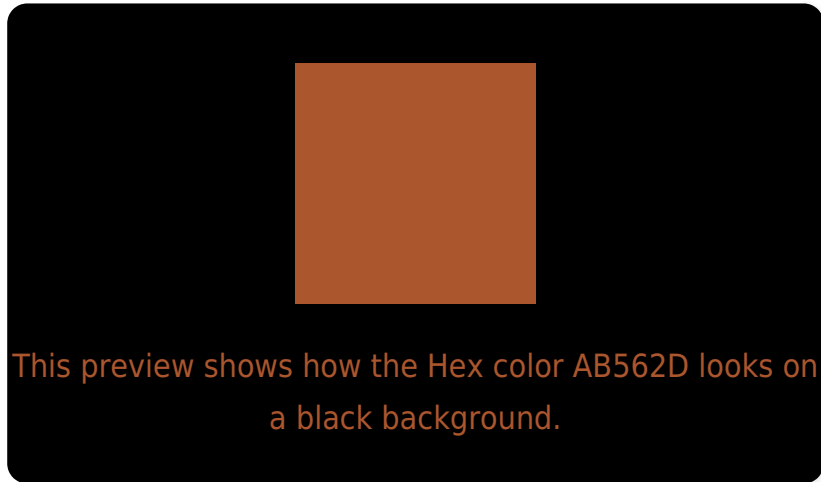
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB562D Background



This preview shows how black text looks on a background with the Hex color AB562D.



This preview shows how white text looks on a background with the Hex color AB562D.

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

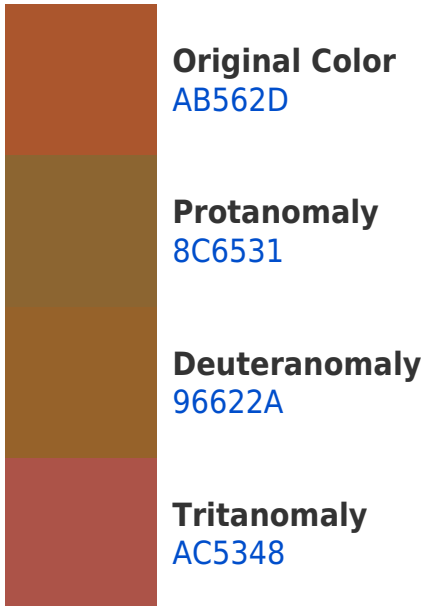


Original Color
AB562D

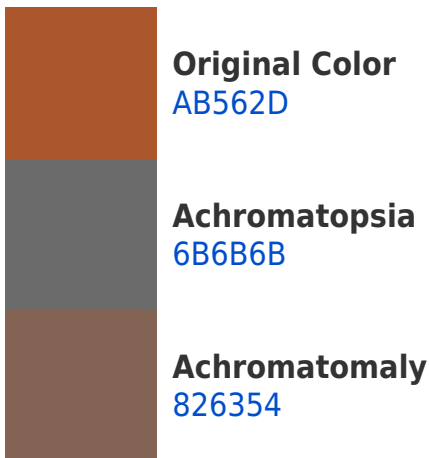
Protanopia
7A6E34

Deuteranopia
8A6928

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB562D 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 #AB562D looks like.

```
.text, #text, p{  
    color:#AB562D  
}
```

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 #AB562D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB562D
}
```

Border

The CSS property to change the border of an element to Hex AB562D 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
#AB562D }
```

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

```
.border{ border-color:#AB562D }
```

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

Here you see how a box with a 4 pixel #AB562D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB562D; -webkit-box-shadow:4px 4px  
4px 4px #AB562D; box-shadow:4px 4px 4px  
4px #AB562D }
```

Background

The CSS property to change the background color of an element to Hex AB562D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB562D }
```

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

```
.background{ background-color:#AB562D }
```

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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