

Converting Colors

Hex(AB562F)

Have a look what the booklet for
Hex(AB562F) contains.

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Color

Hex(AB562F)

Conversions

Conversions Part 1

Format	Color
Hex	AB562F
RGB	171, 86, 47
RGB Percent	67%, 34%, 18%
CMY	0.3294, 0.6627, 0.8157
CMYK	0.00, 0.50, 0.73, 0.33
HSL	19°, 57%, 43%
HSV	19°, 73%, 67%
XYZ	20.6355, 15.5187, 4.5971
YIQ	106.9690, 63.1790, 5.8910

Conversions

Conversions Part 2

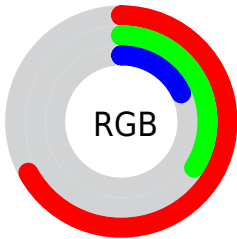
Format	Color
RYB	171, 104, 47
Decimal	11228719
CIELab	46.34, 31.82, 37.83
CIELCh	46, 49.436, 49.936
Yxy	15.5187, 0.5064, 0.3808
Android (android.graphics.Color)	4289418799 (0xFFAB562F)
YUV	106.9690, -29.5647, 56.1552
Hunter-Lab	39.3938, 24.5635, 20.6567

Details

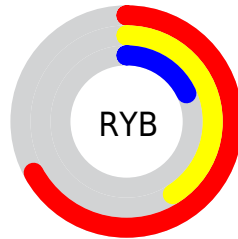
The Hex color **AB562F** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2F84AB**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E7895F**, and **712500** is the 20% darker color. If you saturate the color by 10%, you get **AB4A1E**, and if you desaturate by 10%, it is **AB6240**.

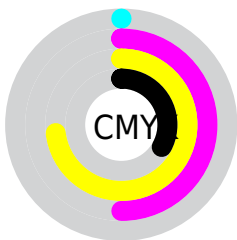
Distribution



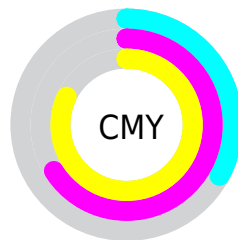
- Red (67%)
- Green (34%)
- Blue (18%)



- Red (67%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (73%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color AB562F 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 AB562F by changing the saturation by 10% instead.

 AB562F

 AB562F

FFFFFF

 8E3E18

 E7895F

 712500

 FFA478

 550C00

 FFBF92

 390000

 FFDCAD

 1E0001

 FFF8C8

 000000

 FFFF E5

 AB562F

 AB562F

 AB4A1E

 AB6240

 AB3F0D

 AB6D51

 AB3600

 AB7962

 AB8573

 AB9184

 AB9C96

 ABA8A7

 ABB4B8

 ABBFC9

Harmonies

Analogous

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



B94854



AB562F



8F6713

Triad

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



AB562F



00815E



5369BC

Complementary

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



AB562F



2F84AB

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.



0077BF



AB562F



008189

Square

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



AB562F



357C35



007FAD



9257A4

Rectangle

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



AB562F



767010



007FAD



2F6EC0

Sweetspot

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



AB562F



DEBCAD



AB2F86



705C53



F0F0F0



707070

Same Dimension

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



AB562F



DE5A1D



AB922F



57514E



962F00



170700

Inverse Universe

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



2F84AB



1DA1DE



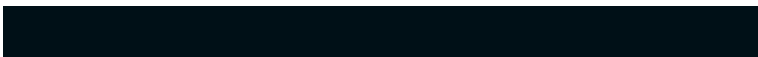
2F48AB



4E5457



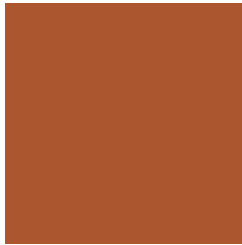
006796



001017

Previews

White Background



This preview shows how the Hex color AB562F looks on a white background.

Color Contrast Check

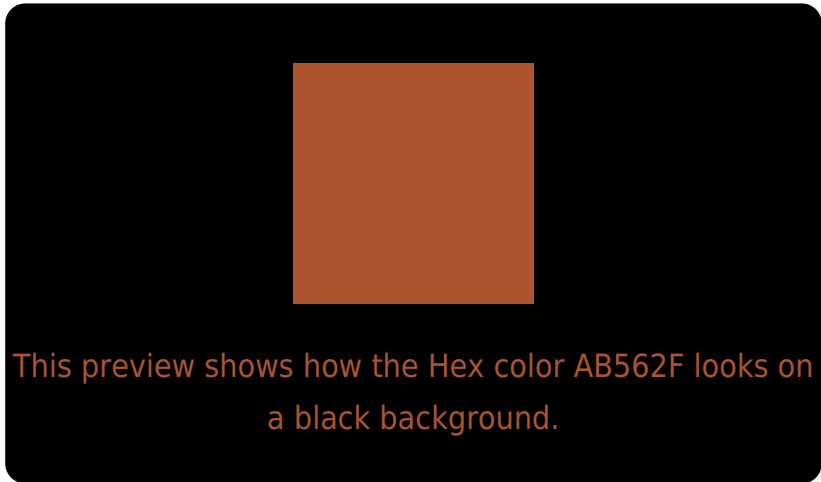
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB562F Background



This preview shows how black text looks on a background with the Hex color AB562F.



This preview shows how white text looks on a background with the Hex color AB562F.

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
AB562F

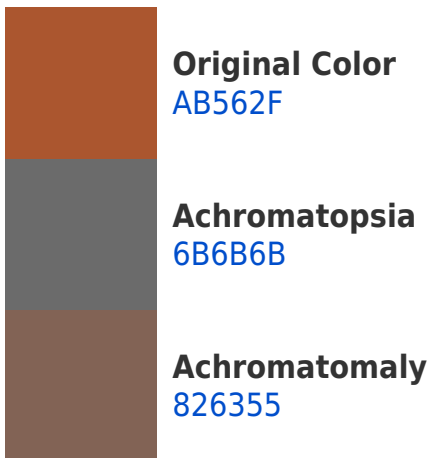
Protanopia
7A6F37

Deuteranopia
8A692A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB562F 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 #AB562F looks like.

```
.text, #text, p{  
    color:#AB562F  
}
```

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 #AB562F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB562F
}
```

Border

The CSS property to change the border of an element to Hex AB562F is called "border". The border property can be set on classes, ids or directly on the HTML element.

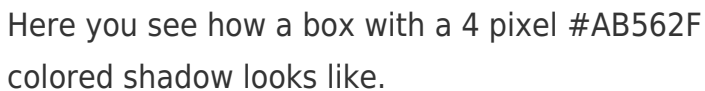
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB562F }
```

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

```
.border{ border-color:#AB562F }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #AB562F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB562F; -webkit-box-shadow:4px 4px  
4px 4px #AB562F; box-shadow:4px 4px 4px  
4px #AB562F }
```

Background

The CSS property to change the background color of an element to Hex AB562F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB562F }
```

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

```
.background{ background-color:#AB562F }
```

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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