

Converting Colors

Hex(A8570B)

Have a look what the booklet for
Hex(A8570B) contains.

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Color

Hex(A8570B)

Conversions

Conversions Part 1

Format	Color
Hex	A8570B
RGB	168, 87, 11
RGB Percent	66%, 34%, 4%
CMY	0.3412, 0.6588, 0.9569
CMYK	0.00, 0.48, 0.93, 0.34
HSL	29°, 88%, 35%
HSV	29°, 93%, 66%
XYZ	19.6170, 15.1654, 2.2099
YIQ	102.5550, 72.6720, -6.4640

Conversions

Conversions Part 2

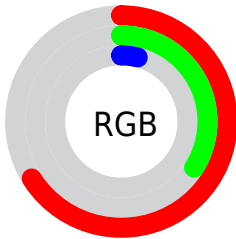
Format	Color
RYB	168, 158, 11
Decimal	11032331
CIELab	45.86, 28.85, 52.10
CIElCh	46, 59.553, 61.027
Yxy	15.1654, 0.5303, 0.4100
Android (android.graphics.Color)	4289222411 (0xFFA8570B)
YUV	102.5550, -45.1366, 57.3953
Hunter-Lab	38.9428, 21.7679, 23.8954

Details

The Hex color **A8570B** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **0B5CA8**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **E58A41**, and **6D2700** is the 20% darker color. If you saturate the color by 10%, you get **A85100**, and if you desaturate by 10%, it is **A8601C**.

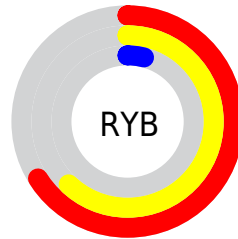
Distribution



Red (66%)

Green (34%)

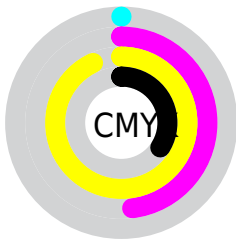
Blue (4%)



Red (66%)

Yellow (62%)

Blue (4%)

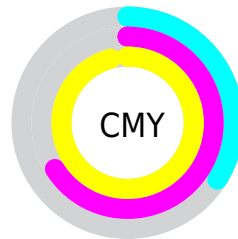


Cyan (0%)

Magenta (48%)

Yellow (93%)

Black (34%)



Cyan (34%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8570B 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 A8570B by changing the saturation by 10% instead.

 A8570B

 A8570B

FFFFFF

 8A3F00

 E58A41

 6D2700

 FFA45B

 501000

 FFC075

 350000

 FFDC8F

 170000

 FFF9AA

 000000

 FFFFC6

 FFFFEE

 A8570B

 A8570B

■ A85100

■ A8601C

■ A8682D

■ A8713D

■ A87A4E

■ A8825F

■ A88B70

■ A89481

■ A89C91

■ A8A5A2

Harmonies

Analogous

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



C0403C



A8570B



816B00

Triad

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



A8570B



00836D



6C5EC3

Complementary

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



A8570B



0B5CA8

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.



0072D1



A8570B



00839F

Square

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



A8570B



008039



007EC4



A9459E

Rectangle

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



A8570B



627500



007EC4



4966CA

Sweetspot

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



A8570B



DBBC9E



A80B5C



6E5A48



EDEDED



6E6E6E

Same Dimension

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



A8570B



DB6A00



A8A50B



54504C



944800



140A00

Inverse Universe

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



0B5CA8



0071DB



0B0EA8



4C5054



004C94



000B14

Previews

White Background



This preview shows how the Hex color A8570B looks on a white background.

Color Contrast Check

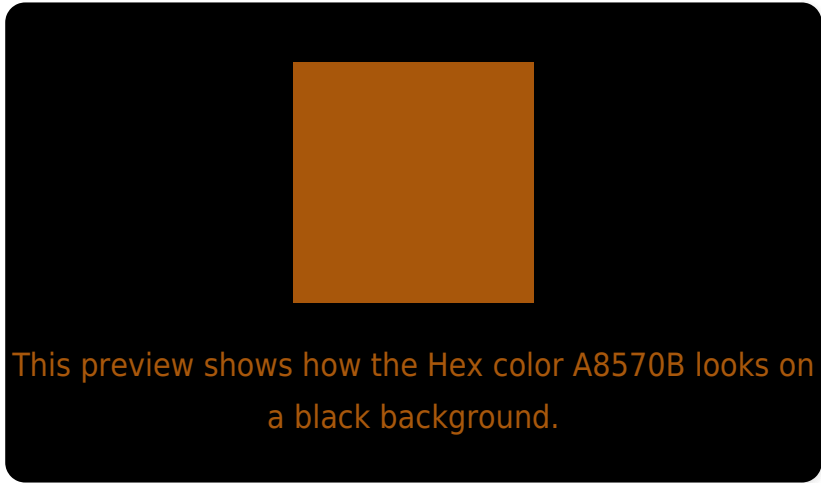
Large Text (above 18pt) WCAG AA ✓ Pass

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 A8570B Background



This preview shows how black text looks on a background with the Hex color A8570B.



This preview shows how white text looks on a background with the Hex color A8570B.

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

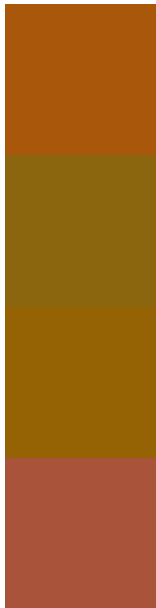


Original Color
A8570B

Protanopia
7B6E12

Deuteranopia
8A6800

Trichromacy



Original Color
A8570B

Protanomaly
8B660F

Deuteranomaly
956204

Tritanomaly
AA533B

Monochromacy



Original Color
A8570B

Achromatopsia
676767

Achromatomaly
7F6146

CSS Examples

Text

The CSS property to change the color of the text to Hex A8570B 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 #A8570B looks like.

```
.text, #text, p{  
    color:#A8570B  
}
```

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 #A8570B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8570B
}
```

Border

The CSS property to change the border of an element to Hex A8570B 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
#A8570B }
```

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

```
.border{ border-color:#A8570B }
```

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

Here you see how a box with a 4 pixel #A8570B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8570B; -webkit-box-shadow:4px 4px  
4px 4px #A8570B; box-shadow:4px 4px 4px  
4px #A8570B }
```

Background

The CSS property to change the background color of an element to Hex A8570B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8570B }
```

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

```
.background{ background-color:#A8570B }
```

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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