

Converting Colors

Hex(AB6518)

Have a look what the booklet for
Hex(AB6518) contains.

Hex(AB6518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AB6518)

Conversions

Conversions Part 1

Format	Color
Hex	AB6518
RGB	171, 101, 24
RGB Percent	67%, 40%, 9%
CMY	0.3294, 0.6039, 0.9059
CMYK	0.00, 0.41, 0.86, 0.33
HSL	31°, 75%, 38%
HSV	31°, 86%, 67%
XYZ	21.6131, 18.0312, 3.2054
YIQ	113.1520, 66.4370, -9.1070

Conversions

Conversions Part 2

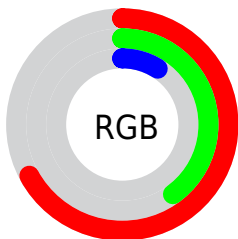
Format	Color
R_{YB}	158, 171, 24
Decimal	11232536
CIE _{Lab}	49.53, 22.71, 51.23
CIE _{LCh}	50, 56.043, 66.094
Yxy	18.0312, 0.5044, 0.4208
Android (android.graphics.Color)	4289422616 (0xFFAB6518)
YUV	113.1520, -43.9519, 50.7327
Hunter-Lab	42.4632, 16.5432, 25.2487

Details

The Hex color **AB6518** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **185EAB**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **E7984C**, and **713500** is the 20% darker color. If you saturate the color by 10%, you get **AB5D07**, and if you desaturate by 10%, it is **AB6D29**.

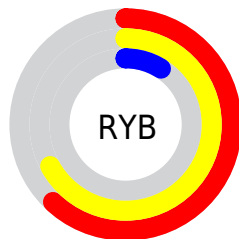
Distribution



Red (67%)

Green (40%)

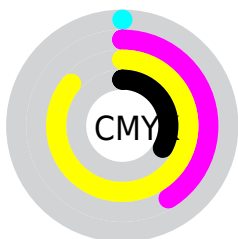
Blue (9%)



Red (62%)

Yellow (67%)

Blue (9%)

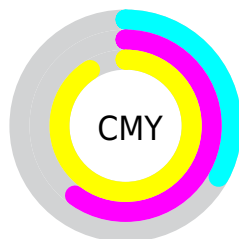


Cyan (0%)

Magenta (41%)

Yellow (86%)

Black (33%)



Cyan (33%)

Magenta (60%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB6518 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 AB6518 by changing the saturation by 10% instead.


 AB6518

 AB6518

FFFFFF

 8E4D00

 E7984C

 713500

 FF3665

 551F00

 FFCF7F

 390900

 FFE89A

 220001

 FFFF86

 000000

 FFFF86

FFFD2

 FFFFEE

FFFE

 AB6518

 AB6518

■ AB5D07

■ AB6D29

■ AB5A00

■ AB753A

■ AB7D4B

■ AB865C

■ AB8E6D

■ AB967F

■ AB9E90

■ ABA6A1

■ ABAEB2

Harmonies

Analogous

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



C55140



AB6518



847700

Triad

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



AB6518



008C7E



8365C3

Complementary

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



AB6518



185EAB

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.



0078D5



AB6518



008BAD

Square

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



AB6518



00894D



0085CD



B64F9D

Rectangle

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



AB6518



647F12



0085CD



696CCC

Sweetspot

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



AB6518



DEC2A4



AB185F



70604D



F0F0F0



707070

Same Dimension

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



AB6518



DE7400



A9AB18



57534E



964F00



170C00

Inverse Universe

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



185EAB



006ADE



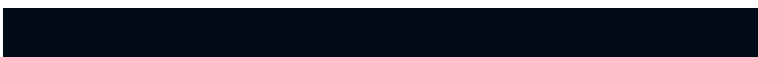
1A18AB



4E5257



004896



000B17

Previews

White Background



This preview shows how the Hex color AB6518 looks on a white background.

Color Contrast Check

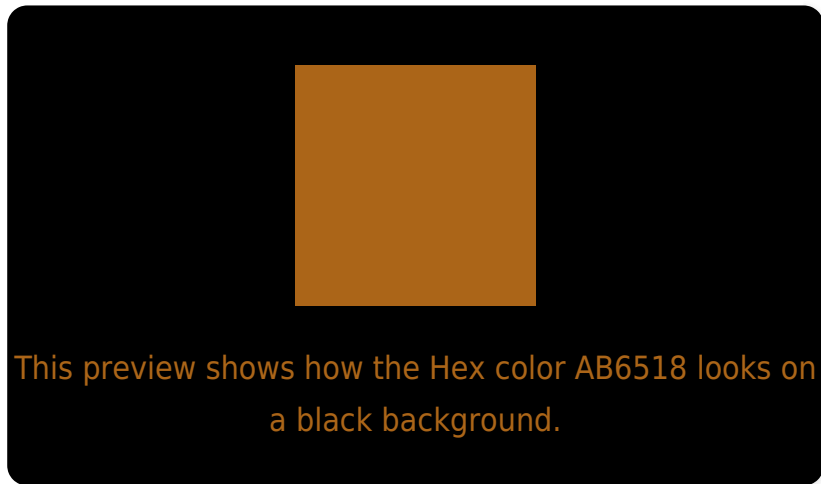
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AB6518 Background



This preview shows how black text looks on a background with the Hex color AB6518.



This preview shows how white text looks on a background with the Hex color AB6518.

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
AB6518

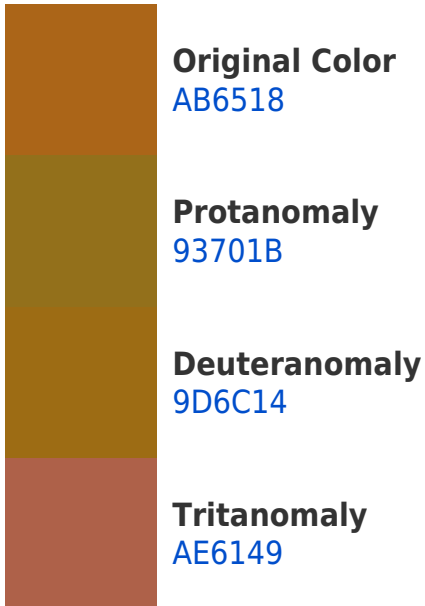
Protanopia
85771D

Deuteranopia
957011

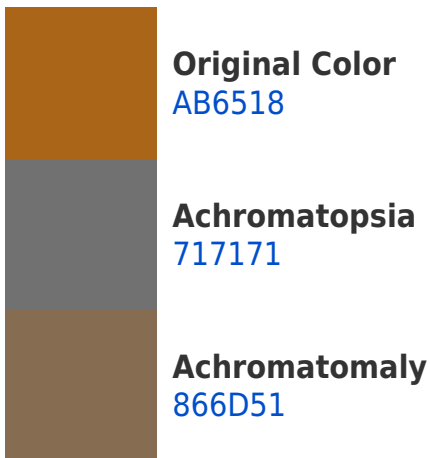


Tritanopia
AF5E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB6518 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 #AB6518 looks like.

```
.text, #text, p{  
    color:#AB6518  
}
```

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 #AB6518 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB6518
}
```

Border

The CSS property to change the border of an element to Hex AB6518 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
#AB6518 }
```

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

```
.border{ border-color:#AB6518 }
```

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

Here you see how a box with a 4 pixel #AB6518 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB6518; -webkit-box-shadow:4px 4px  
4px 4px #AB6518; box-shadow:4px 4px 4px  
4px #AB6518 }
```

Background

The CSS property to change the background color of an element to Hex AB6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB6518 }
```

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

```
.background{ background-color:#AB6518 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor