

Converting Colors

Hex(A45A18)

Have a look what the booklet for
Hex(A45A18) contains.

Hex(A45A18)	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(A45A18)

Conversions

Conversions Part 1

Format	Color
Hex	A45A18
RGB	164, 90, 24
RGB Percent	64%, 35%, 9%
CMY	0.3569, 0.6471, 0.9059
CMYK	0.00, 0.45, 0.85, 0.36
HSL	28°, 74%, 37%
HSV	28°, 85%, 64%
XYZ	19.1309, 15.2708, 2.8034
YIQ	104.6020, 65.2900, -4.8380

Conversions

Conversions Part 2

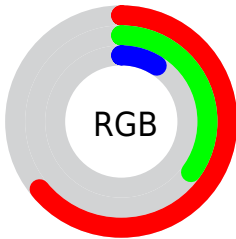
Format	Color
RYB	164, 149, 24
Decimal	10770968
CIELab	46.00, 25.77, 47.84
CIElCh	46, 54.343, 61.693
Yxy	15.2708, 0.5142, 0.4104
Android (android.graphics.Color)	4288961048 (0xFFA45A18)
YUV	104.6020, -39.7368, 52.0920
Hunter-Lab	39.0779, 18.9998, 23.1011

Details

The Hex color **A45A18** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1862A4**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **E08D4A**, and **6A2B00** is the 20% darker color. If you saturate the color by 10%, you get **A45108**, and if you desaturate by 10%, it is **A46328**.

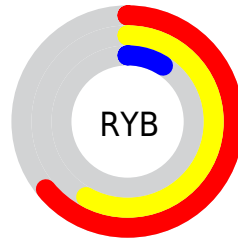
Distribution



Red (64%)

Green (35%)

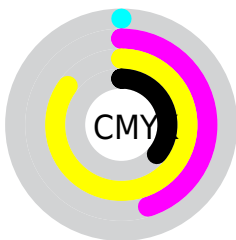
Blue (9%)



Red (64%)

Yellow (58%)

Blue (9%)

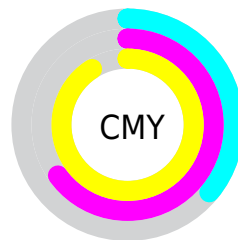


Cyan (0%)

Magenta (45%)

Yellow (85%)

Black (36%)



Cyan (36%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color A45A18 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 A45A18 by changing the saturation by 10% instead.

 A45A18

 A45A18

FFFFFF

 874200

 E08D4A

 6A2B00

 FFA763

 4E1400

 FFC37D

 330000

 FFDF98

 140000

 FFFCB3

 000000

 FFFFCE

 FFFFEC

 A45A18

 A45A18

■ A45108

■ A46328

■ A44D00

■ A46B39

■ A47449

■ A47D5A

■ A4856A

■ A48E7A

■ A4978B

■ A49F9B

■ A4A8AC

Harmonies

Analogous

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



BA4740



A45A18



806C00

Triad

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



A45A18



00826E



6F60BB

Complementary

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



A45A18



1862A4

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.



0072C8



A45A18



00819C

Square

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



A45A18



007F3F



007DBD



A54A99

Rectangle

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



A45A18



637403



007DBD



5266C2

Sweetspot

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



A45A18



D6B99F



A41863



6B5A4A



EBEBEB



6B6B6B

Same Dimension

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



A45A18



D66500



A49F18



524D49



914500



120800

Inverse Universe

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



1862A4



0071D6



181DA4



494E52



004D91



000912

Previews

White Background



This preview shows how the Hex color A45A18 looks on a white background.

Color Contrast Check

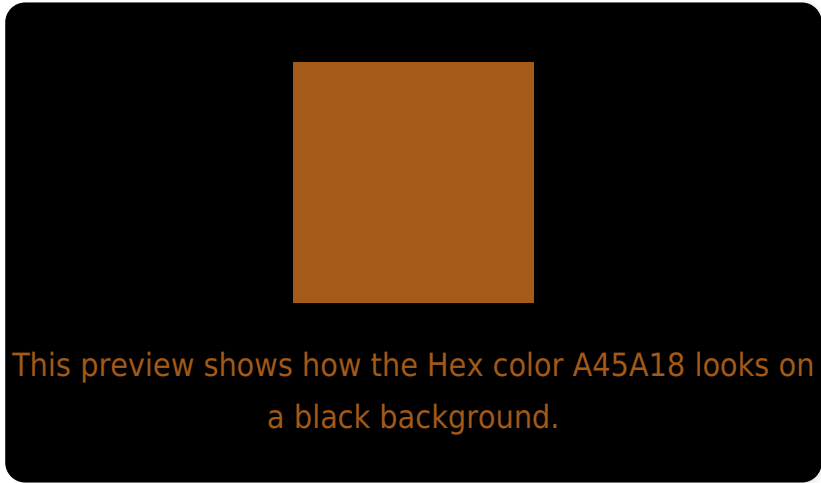
Large Text (above 18pt) WCAG AA ✓ Pass

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

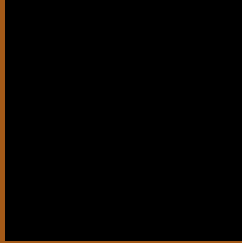
Any Text WCAG AA × Fail

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 A45A18 Background



This preview shows how black text looks on a background with the Hex color A45A18.



This preview shows how white text looks on a background with the Hex color A45A18.

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
A45A18

Protanopia
7B6E1D

Deuteranopia
8A6810



Tritanopia
A7545A

Trichromacy



Original Color
A45A18

Protanomaly
8A671B

Deuteranomaly
936313

Tritanomaly
A65642

Monochromacy



Original Color
A45A18

Achromatopsia
696969

Achromatomaly
7E644C

CSS Examples

Text

The CSS property to change the color of the text to Hex A45A18 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 #A45A18 looks like.

```
.text, #text, p{  
    color:#A45A18  
}
```

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 #A45A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45A18
}
```

Border

The CSS property to change the border of an element to Hex A45A18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

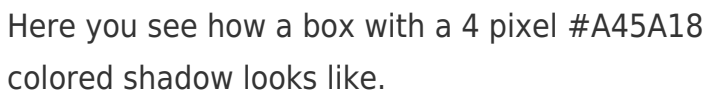
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A45A18 }
```

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

```
.border{ border-color:#A45A18 }
```

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



Here you see how a box with a 4 pixel #A45A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45A18; -webkit-box-shadow:4px 4px  
4px 4px #A45A18; box-shadow:4px 4px 4px  
4px #A45A18 }
```

Background

The CSS property to change the background color of an element to Hex A45A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45A18 }
```

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

```
.background{ background-color:#A45A18 }
```

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