

# Converting Colors

Hex(A45D4A)

Have a look what the booklet for  
Hex(A45D4A) contains.

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**Color**

**Hex(A45D4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A45D4A
RGB	164, 93, 74
RGB Percent	64%, 36%, 29%
CMY	0.3569, 0.6353, 0.7098
CMYK	0.00, 0.43, 0.55, 0.36
HSL	13°, 38%, 47%
HSV	13°, 55%, 64%
XYZ	20.4602, 16.2156, 8.5301
YIQ	112.0630, 48.4150, 9.1430

# Conversions

## Conversions Part 2

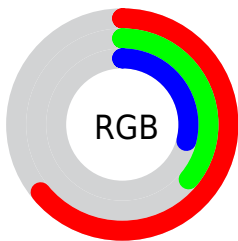
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 98, 74
Decimal	10771786
CIELab	47.26, 27.00, 23.48
CIELCh	47, 35.787, 41.013
Yxy	16.2156, 0.4526, 0.3587
Android (android.graphics.Color)	4288961866 (0xFFA45D4A)
YUV	112.0630, -18.7651, 45.5487
Hunter-Lab	40.2686, 20.2246, 15.6286

# Details

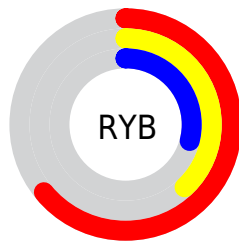
The Hex color **A45D4A** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4A91A4**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **DE907B**, and **6C2D1E** is the 20% darker color. If you saturate the color by 10%, you get **A4503A**, and if you desaturate by 10%, it is **A46A5A**.

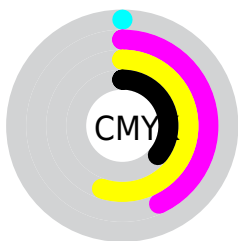
# Distribution



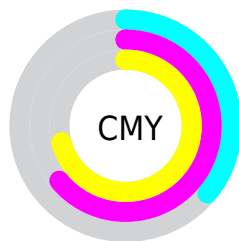
- Red (64%)
- Green (36%)
- Blue (29%)



- Red (64%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (43%)
- Yellow (55%)
- Black (36%)



- Cyan (36%)
- Magenta (64%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A45D4A 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 A45D4A by changing the saturation by 10% instead.



 A45D4A

 A45D4A

FFFFFF

 884533

 DE907B

 6C2D1E

 FCAB95

 521606

 FFC7B0

 370000

 FFE3CB

 1D0001

 FFFF7

 000000

 A45D4A

 A45D4A

 A4503A

 A46A5A

 A44329

 A4776B

 A43619

 A4847B

 A42908

 A4918C

 A42300

 A49E9C

 A4ABAC

 A4B8BD

 A4C5CD

 A4D1DE

# Harmonies

## Analogous

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



A95766



A45D4A



926837

# Triad

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



A45D4A



2A7E5B



526FAB

# Complementary

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



A45D4A



4A91A4

# 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.



0079A9



A45D4A



00807B

# Square

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



A45D4A



577A41



007E97



81649E

# Rectangle

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



A45D4A



816F32



007E97



3E73AC



# Sweetspot

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



A45D4A



D6BBB4



A44A92



6B5B57



EBEBEB



6B6B6B



# Same Dimension

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



A45D4A



D66749



A4894A



524B49



911F00



120400



# Inverse Universe

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



4A91A4



49B8D6



4A65A4



495052



007391



000E12



# Previews

## White Background



This preview shows how the Hex color A45D4A looks on a white background.

## Color Contrast Check

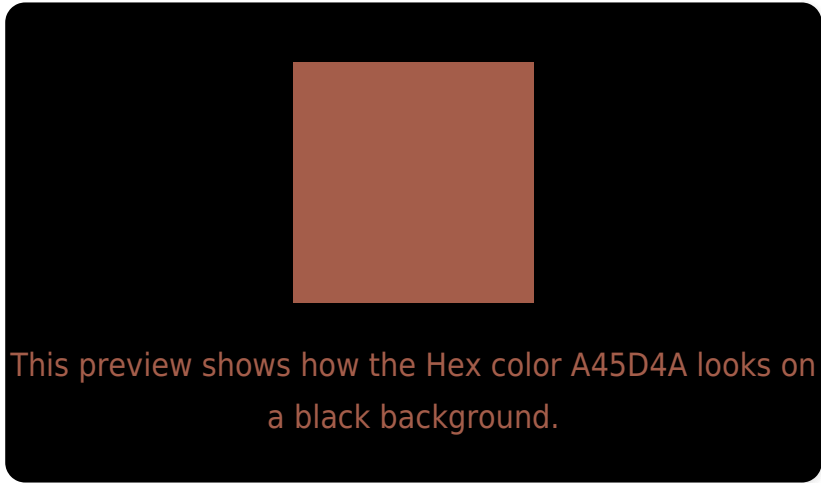
Large Text (above 18pt) WCAG AA ✓ Pass

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 A45D4A Background



This preview shows how black text looks on a background with the Hex color A45D4A.



This preview shows how white text looks on a background with the Hex color A45D4A.

# 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**  
A45D4A

**Protanopia**  
797052

**Deuteranopia**  
886C47



**Tritanopia**  
A65A60

# Trichromacy



**Original Color**  
A45D4A

**Protanomaly**  
89694F

**Deuteranomaly**  
926748

**Tritanomaly**  
A55B58

# Monochromacy



**Original Color**  
A45D4A

**Achromatopsia**  
707070

**Achromatomaly**  
836962

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A45D4A 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 #A45D4A looks like.

```
.text, #text, p{  
    color:#A45D4A  
}
```

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 #A45D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45D4A
}
```

## Border

The CSS property to change the border of an element to Hex A45D4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

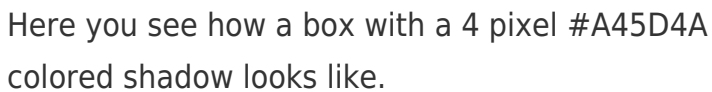
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A45D4A }
```

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

```
.border{ border-color:#A45D4A }
```

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



Here you see how a box with a 4 pixel #A45D4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45D4A; -webkit-box-shadow:4px 4px  
4px 4px #A45D4A; box-shadow:4px 4px 4px  
4px #A45D4A }
```

# Background

The CSS property to change the background color of an element to Hex A45D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45D4A }
```

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

```
.background{ background-color:#A45D4A }
```

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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