

# Converting Colors

Hex(A5244B)

Have a look what the booklet for  
Hex(A5244B) contains.

<b>Hex(A5244B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(A5244B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5244B
RGB	165, 36, 75
RGB Percent	65%, 14%, 29%
CMY	0.3529, 0.8588, 0.7059
CMYK	0.00, 0.78, 0.55, 0.35
HSL	342°, 64%, 39%
HSV	342°, 78%, 65%
XYZ	17.4179, 9.7691, 7.6242
YIQ	79.0170, 64.3650, 39.4770

# Conversions

## Conversions Part 2

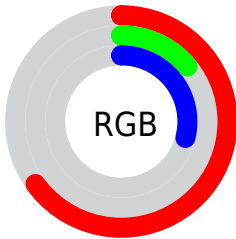
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 36, 75
Decimal	10822731
CIE <sub>Lab</sub>	37.42, 53.72, 9.68
CIE <sub>LCh</sub>	37, 54.588, 10.211
Yxy	9.7691, 0.5004, 0.2806
Android (android.graphics.Color)	4289012811 (0xFFA5244B)
YUV	79.0170, -1.9804, 75.4071
Hunter-Lab	31.2555, 44.7764, 7.4162

# Details

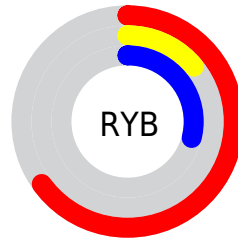
The Hex color **A5244B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **24A57E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **E15E7B**, and **6B0020** is the 20% darker color. If you saturate the color by 10%, you get **A5143F**, and if you desaturate by 10%, it is **A53557**.

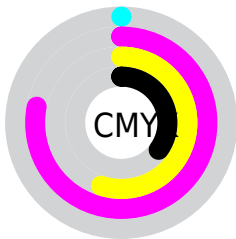
# Distribution



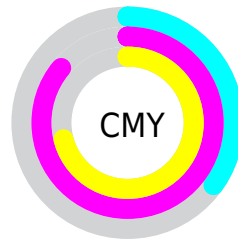
- Red (65%)
- Green (14%)
- Blue (29%)



- Red (65%)
- Yellow (14%)
- Blue (29%)



- Cyan (0%)
- Magenta (78%)
- Yellow (55%)
- Black (35%)



- Cyan (35%)
- Magenta (86%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5244B 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 A5244B by changing the saturation by 10% instead.



 A5244B

 A5244B

FFFFFF

 880035

 E15E7B

 6B0020

 FF7995

 4F0007

 FF95B0

 340002

 FFB1CB

 000000

 FFCDE7

 FFEAFF

 A5244B

 A5244B

 A5143F

 A53557

 A50334

 A54562

 A50032

 A5566E

 A56679

 A57785

 A58790

 A5989C

 A5A8A7

 A5B8B3

# Harmonies

## Analogous

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



972D77



A5244B



9C3521

# Triad

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



A5244B



2B6505



0065AB

# Complementary

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



A5244B



24A57E

# 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.



006A90



A5244B



006A38

# Square

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



A5244B



5D5B00



006C66



0059B0

# Rectangle

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



A5244B



8C4401



006C66



0067A5



# Sweetspot

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



A5244B



D6A5B4



7C24A5



6B4D56



EBEBEB



6B6B6B



# Same Dimension

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



A5244B



D60D4A



A53C24



52494C



91002C



120005



# Inverse Universe

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



A5244B



D60D4A



248DA5



52494C



91002C



120005



# Previews

## White Background



This preview shows how the Hex color A5244B looks on a white background.

## Color Contrast Check

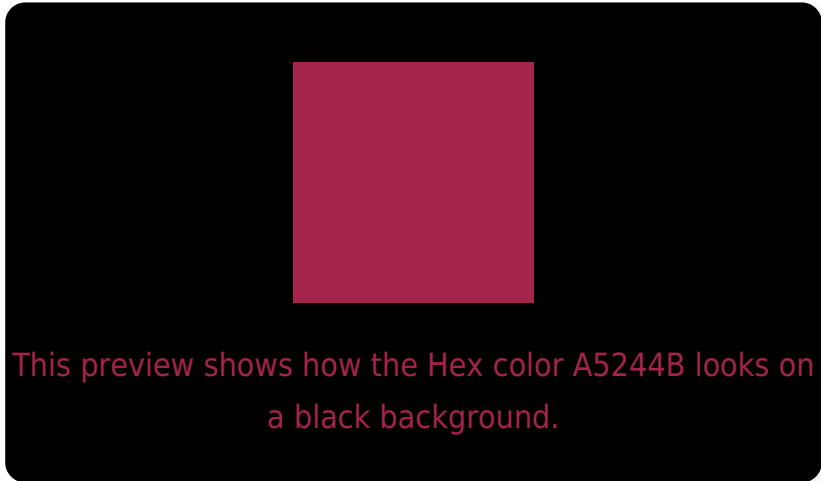
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A5244B Background



This preview shows how black text looks on a background with the Hex color A5244B.



This preview shows how white text looks on a background with the Hex color A5244B.

# 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**  
A5244B

**Protanopia**  
575966

**Deuteranopia**  
695645



# Trichromacy



**Original Color**  
A5244B

**Protanomaly**  
73465C

**Deuteranomaly**  
7F4447

**Tritanomaly**  
A42838

# Monochromacy



**Original Color**  
A5244B

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
6E3F4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5244B 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 #A5244B looks like.

```
.text, #text, p{  
    color:#A5244B  
}
```

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 #A5244B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5244B
}
```

## Border

The CSS property to change the border of an element to Hex A5244B is called "border". The border property can be set on classes, ids or directly on the HTML element.

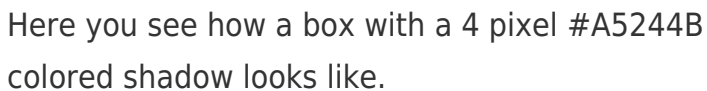
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A5244B }
```

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

```
.border{ border-color:#A5244B }
```

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



Here you see how a box with a 4 pixel #A5244B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5244B; -webkit-box-shadow:4px 4px  
4px 4px #A5244B; box-shadow:4px 4px 4px  
4px #A5244B }
```

# Background

The CSS property to change the background color of an element to Hex A5244B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5244B }
```

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

```
.background{ background-color:#A5244B }
```

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