

# Converting Colors

Hex(AB4355)

Have a look what the booklet for  
Hex(AB4355) contains.

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# Color

**Hex(AB4355)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB4355
RGB	171, 67, 85
RGB Percent	67%, 26%, 33%
CMY	0.3294, 0.7373, 0.6667
CMYK	0.00, 0.61, 0.50, 0.33
HSL	350°, 44%, 47%
HSV	350°, 61%, 67%
XYZ	20.4414, 13.3281, 10.0895
YIQ	100.1480, 56.2060, 27.6460

# Conversions

## Conversions Part 2

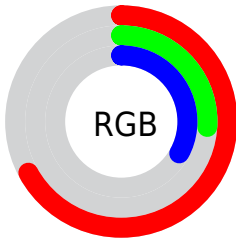
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 67, 85
Decimal	11223893
CIE <sub>Lab</sub>	43.25, 44.16, 11.66
CIE <sub>LCh</sub>	43, 45.677, 14.786
Yxy	13.3281, 0.4661, 0.3039
Android (android.graphics.Color)	4289413973 (0xFFAB4355)
YUV	100.1480, -7.4680, 62.1372
Hunter-Lab	36.5077, 36.0575, 9.1696

# Details

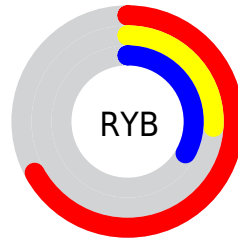
The Hex color **AB4355** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **43AB99**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E67886**, and **720728** is the 20% darker color. If you saturate the color by 10%, you get **AB3247**, and if you desaturate by 10%, it is **AB5463**.

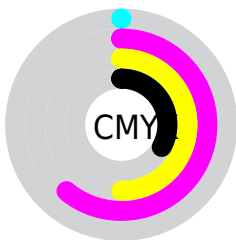
# Distribution



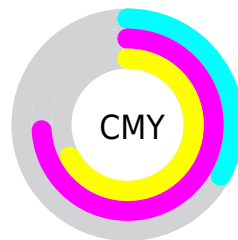
- Red (67%)
- Green (26%)
- Blue (33%)



- Red (67%)
- Yellow (26%)
- Blue (33%)



- Cyan (0%)
- Magenta (61%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (74%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4355 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 AB4355 by changing the saturation by 10% instead.



 AB4355

 AB4355

FFFFFF

 8E283E

 E67886

 720728

 FF92A1

 560014

 FFAEBC

 3C0000

 FFCAD7

 1C0001

 FFE7F4

 000000

 AB4355

 AB4355

 AB3247

 AB5463

 AB2139

 AB6571

 AB102B

 AB767F

 AB001E

 AB878E

 AB989C

 ABAAAA

 ABBBBB8

 ABCCCC6

 ABDddd4

# Harmonies

## Analogous

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



A1467B



AB4355



A24E32

# Triad

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



AB4355



3D732D



0070AF

# Complementary

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



AB4355



43AB99

# 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.



00769B



AB4355



007751

# Square

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



AB4355



686A14



007878



4064B0

# Rectangle

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



AB4355



93581F



007878



0073AA



# Sweetspot

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



AB4355



DEB6BD



9843AB



70585C



F0F0F0



707070



# Same Dimension

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



AB4355



DE3C58



AB6443



574E50



96001A



170004



# Inverse Universe

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



AB4355



DE3C58



438AAB



574E50



96001A



170004



# Previews

## White Background



This preview shows how the Hex color AB4355 looks on a white background.

## Color Contrast Check

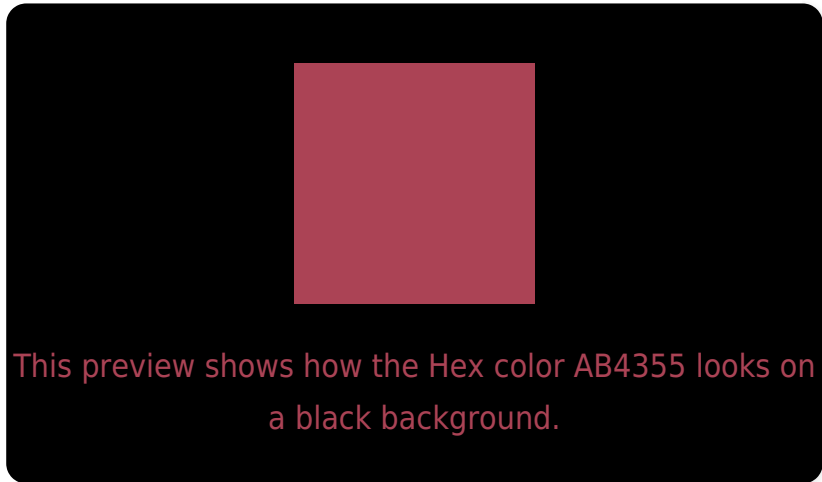
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB4355 Background



This preview shows how black text looks on a background with the Hex color AB4355.

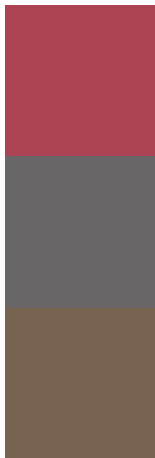


This preview shows how white text looks on a background with the Hex color AB4355.

# 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**  
AB4355

**Protanopia**  
696667

**Deuteranopia**  
786350



**Tritanopia**  
AA454A

# Trichromacy



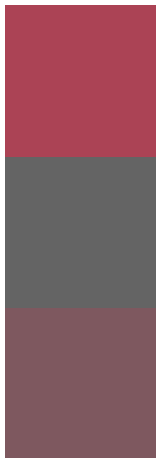
**Original Color**  
AB4355

**Protanomaly**  
815960

**Deuteranomaly**  
8B5752

**Tritanomaly**  
AA444E

# Monochromacy



**Original Color**  
AB4355

**Achromatopsia**  
646464

**Achromatomaly**  
7E585F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4355 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 #AB4355 looks like.

```
.text, #text, p{  
    color:#AB4355  
}
```

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 #AB4355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4355
}
```

## Border

The CSS property to change the border of an element to Hex AB4355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

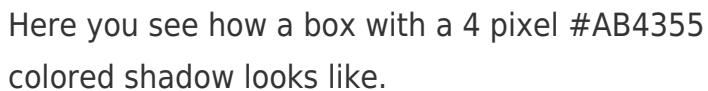
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB4355 }
```

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

```
.border{ border-color:#AB4355 }
```

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



Here you see how a box with a 4 pixel #AB4355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4355; -webkit-box-shadow:4px 4px  
4px 4px #AB4355; box-shadow:4px 4px 4px  
4px #AB4355 }
```

# Background

The CSS property to change the background color of an element to Hex AB4355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4355 }
```

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

```
.background{ background-color:#AB4355 }
```

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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