

Converting Colors

Hex(AB4455)

Have a look what the booklet for
Hex(AB4455) contains.

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Color

Hex(AB4455)

Conversions

Conversions Part 1

Format	Color
Hex	AB4455
RGB	171, 68, 85
RGB Percent	67%, 27%, 33%
CMY	0.3294, 0.7333, 0.6667
CMYK	0.00, 0.60, 0.50, 0.33
HSL	350°, 43%, 47%
HSV	350°, 60%, 67%
XYZ	20.5014, 13.4480, 10.1095
YIQ	100.7350, 55.9310, 27.1230

Conversions

Conversions Part 2

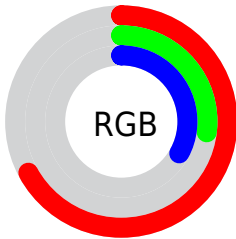
Format	Color
R_{YB}	171, 68, 85
Decimal	11224149
CIE _{Lab}	43.43, 43.69, 11.90
CIE _{LCh}	43, 45.285, 15.239
Yxy	13.4480, 0.4653, 0.3052
Android (android.graphics.Color)	4289414229 (0xFFAB4455)
YUV	100.7350, -7.7574, 61.6224
Hunter-Lab	36.6716, 35.6159, 9.3252

Details

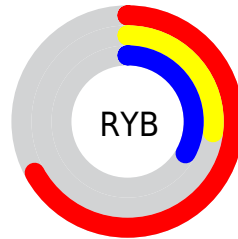
The Hex color **AB4455** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **44AB9A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E67886**, and **720928** is the 20% darker color. If you saturate the color by 10%, you get **AB3347**, and if you desaturate by 10%, it is **AB5563**.

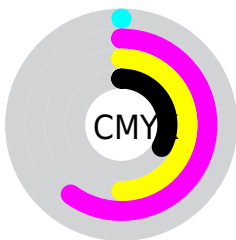
Distribution



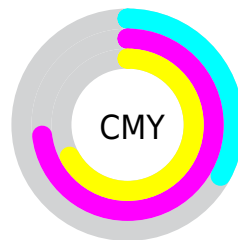
- Red (67%)
- Green (27%)
- Blue (33%)



- Red (67%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (60%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB4455 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 AB4455 by changing the saturation by 10% instead.

 AB4455

 AB4455

FFFFFF

 8E2A3E

 E67886

 720928

 FF93A1

 560014

 FFAFBC

 3C0000

 FFCBD7

 1D0001

 FFE8F4

 000000

 AB4455

 AB4455

 AB3347

 AB5563

 AB2238

 AB6672

 AB112A

 AB7780

 AB001C

 AB888E

 AB999C

 ABABAB

 ABBCB9

 ABCDC7

 ABDED5

Harmonies

Analogous

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



A1467B



AB4455



A14F33

Triad

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



AB4455



3D732F



0070AF

Complementary

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



AB4455



44AB9A

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.



00779B



AB4455



007752

Square

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



AB4455



686B16



007979



4364AF

Rectangle

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



AB4455



935920



007979



0073AA

Sweetspot

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



AB4455



DEB6BD



9A44AB



70585C



F0F0F0



707070

Same Dimension

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



AB4455



DE3E58



AB6644



574E4F



960019



170004

Inverse Universe

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



AB4455



DE3E58



4489AB



574E4F



960019



170004

Previews

White Background



This preview shows how the Hex color AB4455 looks on a white background.

Color Contrast Check

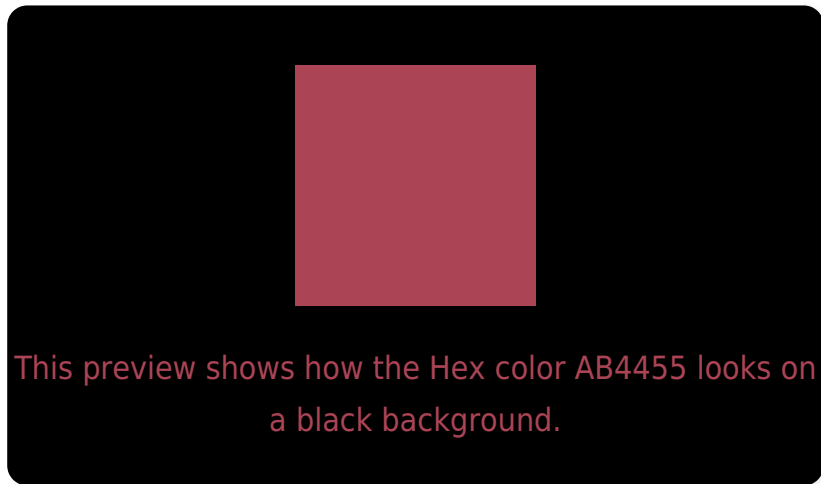
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB4455 Background



This preview shows how black text looks on a background with the Hex color AB4455.

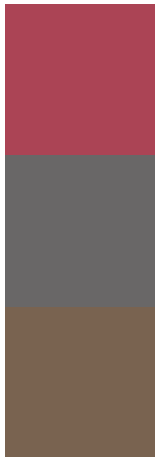


This preview shows how white text looks on a background with the Hex color AB4455.

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
AB4455

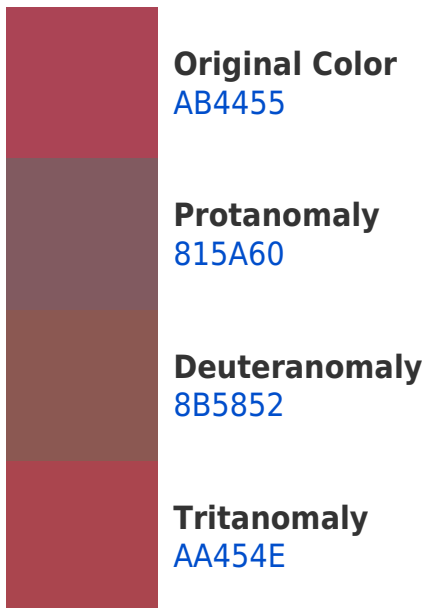
Protanopia
696767

Deuteranopia
796350

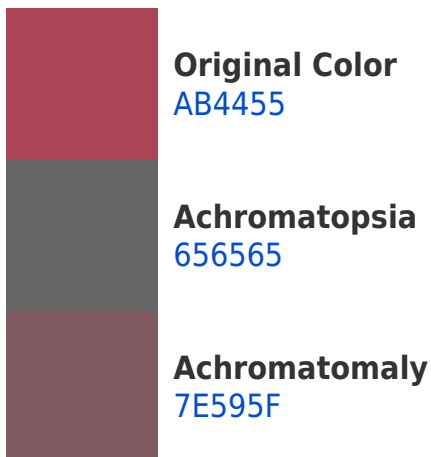


Tritanopia
AA464A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB4455 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 #AB4455 looks like.

```
.text, #text, p{  
    color:#AB4455  
}
```

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 #AB4455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4455
}
```

Border

The CSS property to change the border of an element to Hex AB4455 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
#AB4455 }
```

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

```
.border{ border-color:#AB4455 }
```

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

Here you see how a box with a 4 pixel #AB4455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4455; -webkit-box-shadow:4px 4px  
4px 4px #AB4455; box-shadow:4px 4px 4px  
4px #AB4455 }
```

Background

The CSS property to change the background color of an element to Hex AB4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4455 }
```

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

```
.background{ background-color:#AB4455 }
```

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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