

Converting Colors

Hex(AB3E91)

Have a look what the booklet for
Hex(AB3E91) contains.

Hex(AB3E91)	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(AB3E91)

Conversions

Conversions Part 1

Format	Color
Hex	AB3E91
RGB	171, 62, 145
RGB Percent	67%, 24%, 57%
CMY	0.3294, 0.7569, 0.4314
CMYK	0.00, 0.64, 0.15, 0.33
HSL	314°, 47%, 46%
HSV	314°, 64%, 67%
XYZ	23.6280, 14.1475, 28.2735
YIQ	104.0530, 38.3210, 48.9210

Conversions

Conversions Part 2

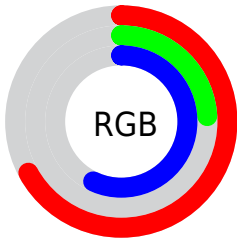
Format	Color
R _Y B	171, 62, 145
Decimal	11222673
CIE Lab	44.44, 53.86, -23.38
CIE LCh	44, 58.712, 336.531
Yxy	14.1475, 0.3577, 0.2142
Android (android.graphics.Color)	4289412753 (0xFFAB3E91)
YUV	104.0530, 20.1869, 58.7125
Hunter-Lab	37.6132, 46.3080, -18.2385

Details

The Hex color **AB3E91** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3EAB58**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E574C7**, and **73005E** is the 20% darker color. If you saturate the color by 10%, you get **AB2D8D**, and if you desaturate by 10%, it is **AB4F95**.

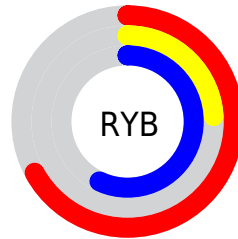
Distribution



Red (67%)

Green (24%)

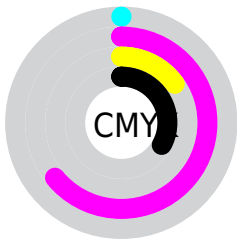
Blue (57%)



Red (67%)

Yellow (24%)

Blue (57%)

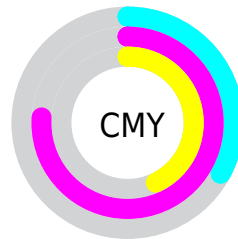


Cyan (0%)

Magenta (64%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (76%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB3E91 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 AB3E91 by changing the saturation by 10% instead.

 AB3E91

 AB3E91

FFFFFF

 8F2077

 E574C7

 73005E

 FF90E3

 590046

 FFACFF

 3F0030

 FFC8FF

 25001A

 FFE5FF

 000000

 AB3E91

 AB3E91

 AB2D8D

 AB4F95

 AB1C89

 AB6099

 AB0B85

 AB719D

 AB0082

 AB82A1

 AB93A5

 ABA5A9

 ABB6AE

 ABC7B2

 ABD8B6

Harmonies

Analogous

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



7657B8



AB3E91



BF3261

Triad

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



AB3E91



756A00



007EA2

Complementary

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



AB3E91



3EAB58

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.



007F73



AB3E91



417609

Square

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



AB3E91



9D5800



007D40



0078C3

Rectangle

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



AB3E91



BD3A41



007D40



007F94

Sweetspot

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



AB3E91



DEB4D4



573EAB



70566A



F0F0F0



707070

Same Dimension

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



AB3E91



DE35B6



AB3E5B



574E55



960073



170011

Inverse Universe

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



AB3E91



DE35B6



3EAB8E



574E55



960073



170011

Previews

White Background



This preview shows how the Hex color AB3E91 looks on a white background.

Color Contrast Check

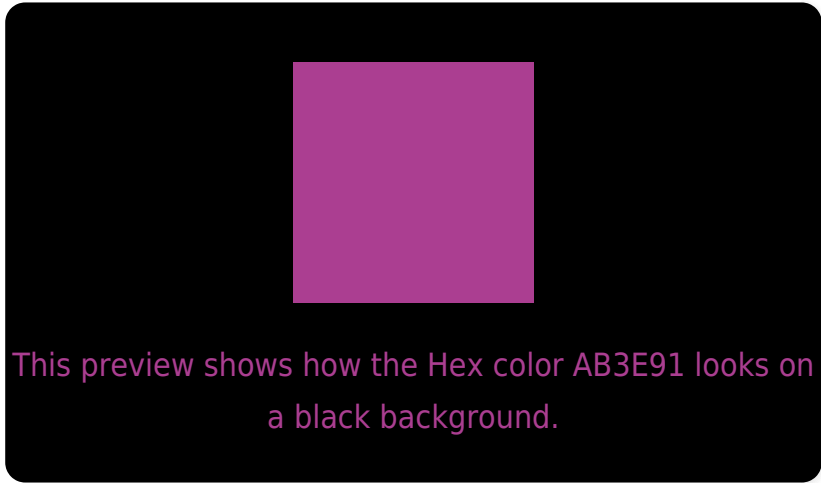
Large Text (above 18pt) WCAG AA ✓ Pass

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

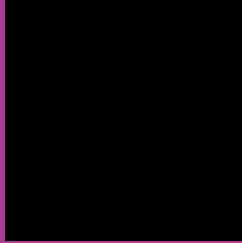
Any Text WCAG AA × Fail

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 AB3E91 Background



This preview shows how black text looks on a background with the Hex color AB3E91.

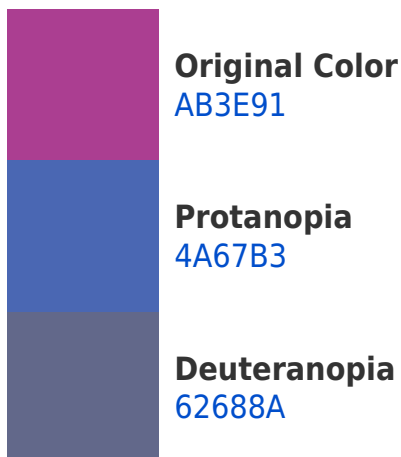



This preview shows how white text looks on a background with the Hex color AB3E91.

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](#).

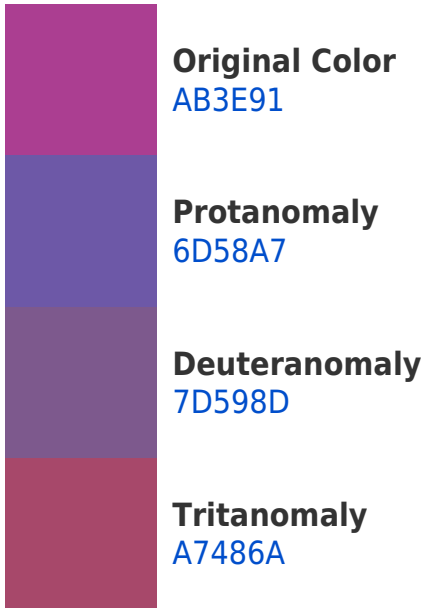
Dichromacy



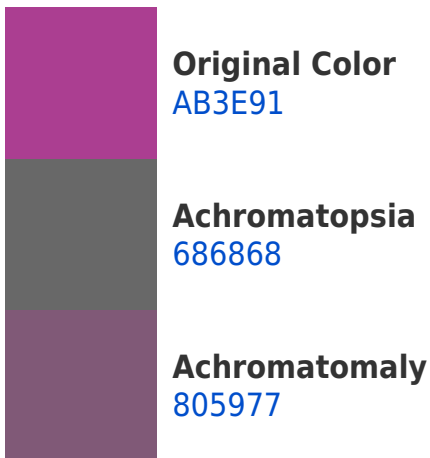


Tritanopia
A54E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB3E91 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 #AB3E91 looks like.

```
.text, #text, p{  
    color:#AB3E91  
}
```

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 #AB3E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3E91
}
```

Border

The CSS property to change the border of an element to Hex AB3E91 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
#AB3E91 }
```

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

```
.border{ border-color:#AB3E91 }
```

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

Here you see how a box with a 4 pixel #AB3E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3E91; -webkit-box-shadow:4px 4px  
4px 4px #AB3E91; box-shadow:4px 4px 4px  
4px #AB3E91 }
```

Background

The CSS property to change the background color of an element to Hex AB3E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3E91 }
```

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

```
.background{ background-color:#AB3E91 }
```

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