

Converting Colors

Hex(AB3584)

Have a look what the booklet for
Hex(AB3584) contains.

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Color

Hex(AB3584)

Conversions

Conversions Part 1

Format	Color
Hex	AB3584
RGB	171, 53, 132
RGB Percent	67%, 21%, 52%
CMY	0.3294, 0.7922, 0.4824
CMYK	0.00, 0.69, 0.23, 0.33
HSL	320°, 53%, 44%
HSV	320°, 69%, 67%
XYZ	22.2325, 12.8701, 23.1422
YIQ	97.2880, 44.9690, 49.5850

Conversions

Conversions Part 2

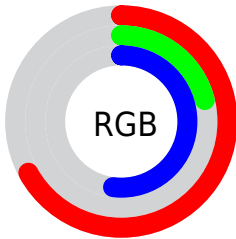
Format	Color
R_{YB}	171, 53, 132
Decimal	11220356
CIE _{Lab}	42.57, 55.63, -18.38
CIE _{LCh}	43, 58.587, 341.718
Yxy	12.8701, 0.3817, 0.2210
Android (android.graphics.Color)	4289410436 (0xFFAB3584)
YUV	97.2880, 17.1130, 64.6454
Hunter-Lab	35.8749, 47.8398, -13.1344

Details

The Hex color **AB3584** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **35AB5C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **E56DB9**, and **730052** is the 20% darker color. If you saturate the color by 10%, you get **AB247E**, and if you desaturate by 10%, it is **AB468A**.

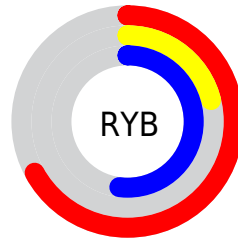
Distribution



Red (67%)

Green (21%)

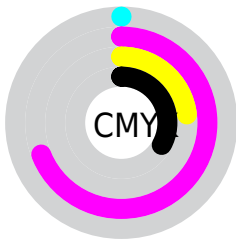
Blue (52%)



Red (67%)

Yellow (21%)

Blue (52%)

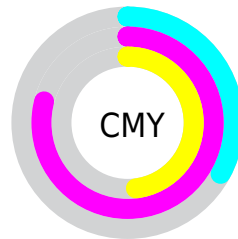


Cyan (0%)

Magenta (69%)

Yellow (23%)

Black (33%)



Cyan (33%)

Magenta (79%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB3584 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 AB3584 by changing the saturation by 10% instead.

 AB3584

 AB3584

FFFFFF

 8F136B

 E56DB9

 730052

 FF88D5

 58003B

 FFA4F1

 3E0025

 FFC0FF

 23000E

 FFDDFF

 000000

 FFFBFF

 AB3584

 AB3584

 AB247E

 AB468A

 AB1379

 AB578F

 AB0273

 AB6895

 AB0072

 AB799B

 AB8AA0

 AB9CA6

 ABADAC

 ABBEB1

 ABCFB7

Harmonies

Analogous

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



7D4EAD



AB3584



B92D54

Triad

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



AB3584



686800



0079A4

Complementary

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



AB3584



35AB5C

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.



007A77



AB3584



30730F

Square

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



AB3584



915700



007844



0072C1

Rectangle

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



AB3584



B53835



007844



007A96

Sweetspot

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



AB3584



DEAFCE



5A35AB



705467



F0F0F0



707070

Same Dimension

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



AB3584



DE26A1



AB354B



574E54



960065



17000F

Inverse Universe

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



AB3584



DE26A1



35AB95



574E54



960065



17000F

Previews

White Background



This preview shows how the Hex color AB3584 looks on a white background.

Color Contrast Check

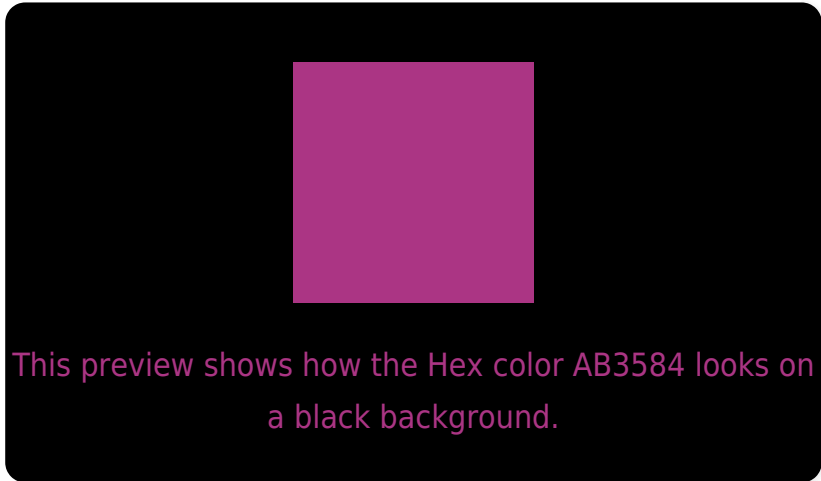
Large Text (above 18pt) WCAG AA ✓ Pass

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

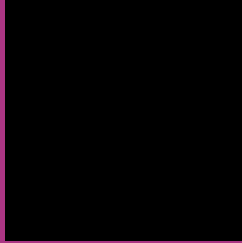
Any Text WCAG AA × Fail

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 AB3584 Background



This preview shows how black text looks on a background with the Hex color AB3584.

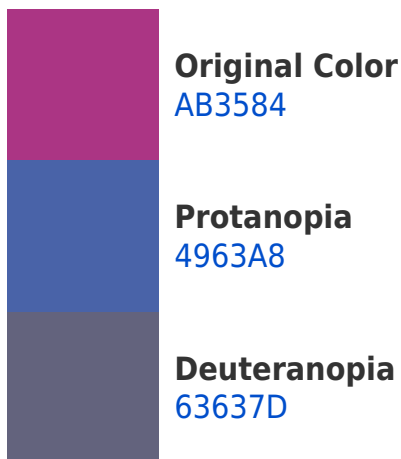


This preview shows how white text looks on a background with the Hex color AB3584.

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](#).

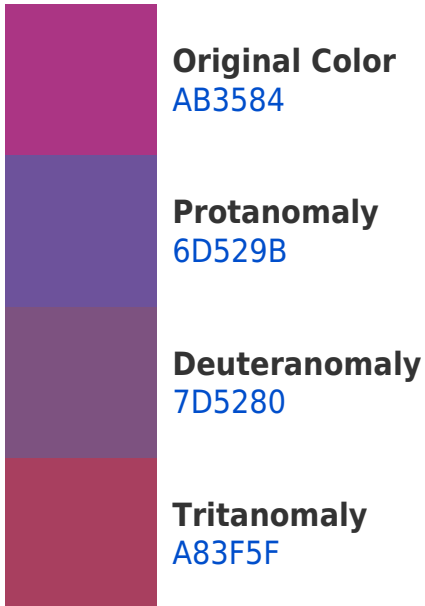
Dichromacy



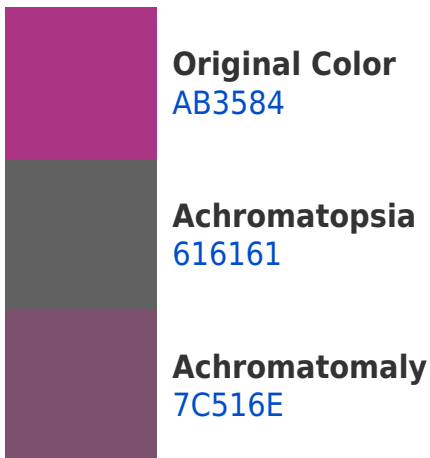


Tritanopia
A6454A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB3584 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 #AB3584 looks like.

```
.text, #text, p{  
    color:#AB3584  
}
```

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 #AB3584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3584
}
```

Border

The CSS property to change the border of an element to Hex AB3584 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
#AB3584 }
```

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

```
.border{ border-color:#AB3584 }
```

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

Here you see how a box with a 4 pixel #AB3584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3584; -webkit-box-shadow:4px 4px  
4px 4px #AB3584; box-shadow:4px 4px 4px  
4px #AB3584 }
```

Background

The CSS property to change the background color of an element to Hex AB3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3584 }
```

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

```
.background{ background-color:#AB3584 }
```

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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