

# Converting Colors

Hex(AB2572)

Have a look what the booklet for  
Hex(AB2572) contains.

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**Color**

**Hex(AB2572)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | AB2572                    |
| RGB           | 171, 37, 114              |
| RGB Percent   | 67%, 15%, 45%             |
| CMY           | 0.3294, 0.8549, 0.5529    |
| CMYK          | 0.00, 0.78, 0.33, 0.33    |
| HSL           | 326°, 64%, 41%            |
| HSV           | 326°, 78%, 67%            |
| XYZ           | 20.4934, 11.1960, 17.0005 |
| YIQ           | 85.8440, 55.1470, 52.3550 |

# Conversions

## Conversions Part 2

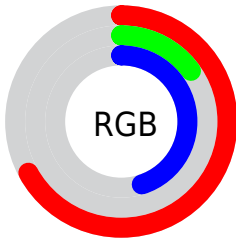
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 171, 37, 114                 |
| Decimal                             | 11216242                     |
| CIE <sub>Lab</sub>                  | 39.91, 58.84, -11.30         |
| CIE <sub>LCh</sub>                  | 40, 59.911, 349.127          |
| Yxy                                 | 11.1960, 0.4209,<br>0.2299   |
| Android<br>(android.graphics.Color) | 4289406322<br>(0xFFAB2572)   |
| YUV                                 | 85.8440, 13.8809,<br>74.6818 |
| Hunter-Lab                          | 33.4604, 50.7699,<br>-6.7017 |

# Details

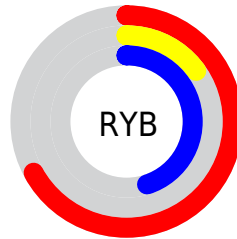
The Hex color **AB2572** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **25AB5E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E660A6**, and **720042** is the 20% darker color. If you saturate the color by 10%, you get **AB146B**, and if you desaturate by 10%, it is **AB3679**.

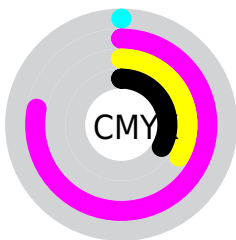
# Distribution



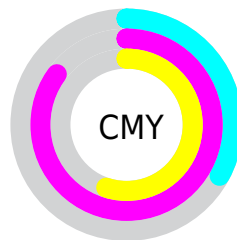
- Red (67%)
- Green (15%)
- Blue (45%)



- Red (67%)
- Yellow (15%)
- Blue (45%)



- Cyan (0%)
- Magenta (78%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (85%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB2572 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 AB2572 by changing the saturation by 10% instead.



 AB2572

 AB2572

FFFFFF

 8E0059

 E660A6

 720042

 FF7CC1

 56002C

 FF98DD

 3D0018

 FFB5F9

 1D0001

 FFD2FF

 000000

 FFEFFF

 AB2572

 AB2572

 AB146B

 AB3679

 AB0363

 AB4781

 AB0062

 AB5888

 AB698F

 AB7A96

 AB8C9E

 AB9DA5

 ABAEAC

 ABBFB3

# Harmonies

## Analogous

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



86409F



AB2572



B22541

# Triad

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



AB2572



556500



0071A8

# Complementary

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



AB2572



25AB5E

# 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.



00737D



AB2572



006E14

# Square

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



AB2572



815600



00724A



0069BF

# Rectangle

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



AB2572



AA3522



00724A



00729B



# Sweetspot

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



AB2572



DEA9C7



5D25AB



705062



F0F0F0



707070



# Same Dimension

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



AB2572



DE0D85



AB2530



574E53



960056



17000D



# Inverse Universe

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



AB2572



DE0D85



25ABA0



574E53



960056



17000D



# Previews

## White Background



This preview shows how the Hex color AB2572 looks on a white background.

## Color Contrast Check

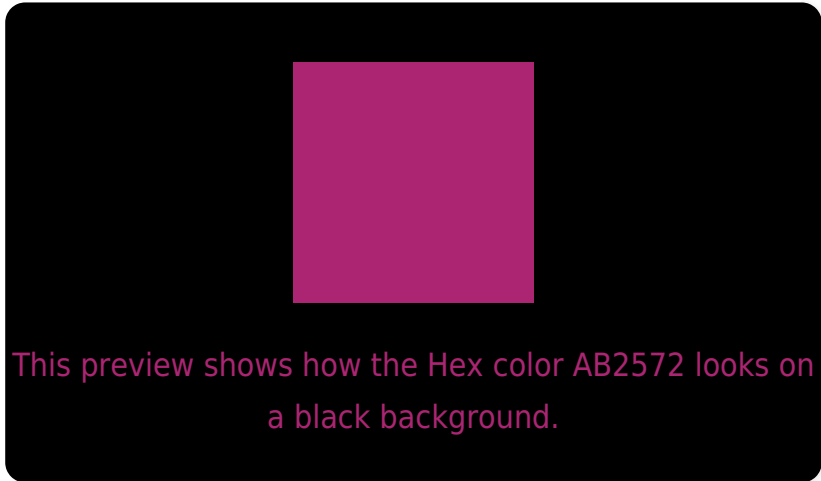
Large Text (above 18pt) WCAG AA ✓ Pass

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

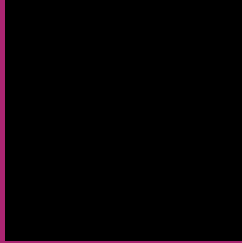
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AB2572 Background



This preview shows how black text looks on a background with the Hex color AB2572.

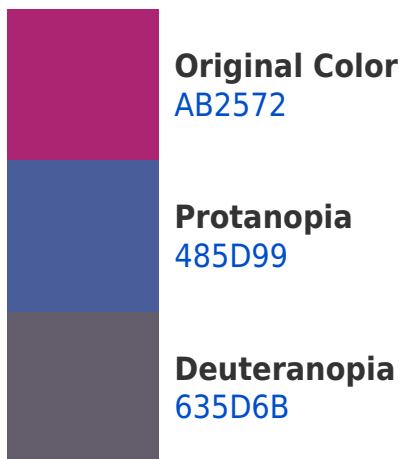


This preview shows how white text looks on a background with the Hex color AB2572.

# 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





# Trichromacy



**Original Color**  
AB2572

**Protanomaly**  
6C498B

**Deuteranomaly**  
7D496E

**Tritanomaly**  
A8304E

# Monochromacy



**Original Color**  
AB2572

**Achromatopsia**  
565656

**Achromatomaly**  
754460

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB2572 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 #AB2572 looks like.

```
.text, #text, p{  
    color:#AB2572  
}
```

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 #AB2572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB2572
}
```

## Border

The CSS property to change the border of an element to Hex AB2572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

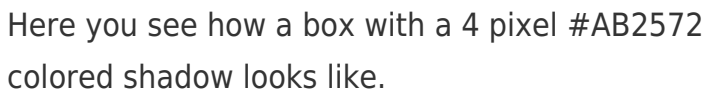
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB2572 }
```

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

```
.border{ border-color:#AB2572 }
```

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



Here you see how a box with a 4 pixel `#AB2572` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB2572; -webkit-box-shadow:4px 4px  
4px 4px #AB2572; box-shadow:4px 4px 4px  
4px #AB2572 }
```

# Background

The CSS property to change the background color of an element to Hex AB2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB2572 }
```

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

```
.background{ background-color:#AB2572 }
```

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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