

Converting Colors

Hex(AB3756)

Have a look what the booklet for
Hex(AB3756) contains.

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Color

Hex(AB3756)

Conversions

Conversions Part 1

Format	Color
Hex	AB3756
RGB	171, 55, 86
RGB Percent	67%, 22%, 34%
CMY	0.3294, 0.7843, 0.6627
CMYK	0.00, 0.68, 0.50, 0.33
HSL	344°, 51%, 44%
HSV	344°, 68%, 67%
XYZ	19.8405, 12.0622, 10.0866
YIQ	93.2180, 59.1850, 34.2330

Conversions

Conversions Part 2

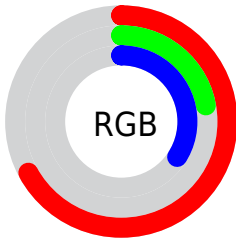
Format	Color
R _Y B	171, 55, 86
Decimal	11220822
CIE Lab	41.31, 49.56, 8.32
CIE LCh	41, 50.250, 9.534
Yxy	12.0622, 0.4725, 0.2873
Android (android.graphics.Color)	4289410902 (0xFFAB3756)
YUV	93.2180, -3.5585, 68.2148
Hunter-Lab	34.7307, 41.1925, 7.0922

Details

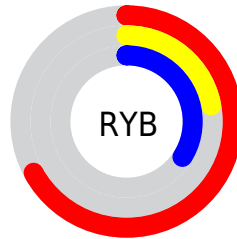
The Hex color **AB3756** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **37AB8C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E66D87**, and **710029** is the 20% darker color. If you saturate the color by 10%, you get **AB2649**, and if you desaturate by 10%, it is **AB4863**.

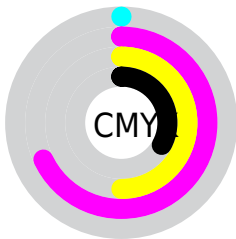
Distribution



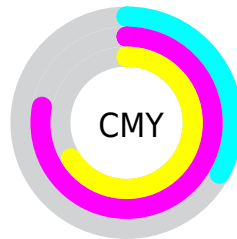
- Red (67%)
- Green (22%)
- Blue (34%)



- Red (67%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (68%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB3756 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 AB3756 by changing the saturation by 10% instead.

 AB3756

 AB3756

FFFFFF

 8E193F

 E66D87

 710029

 FF88A2

 550015

 FFA4BD

 3C0002

 FFC0D8

 190001

 FFDDF5

 000000

 FFFAFF

 AB3756

 AB3756

 AB2649

 AB4863

 AB153D

 AB596F

 AB0430

 AB6A7C

 AB002E

 AB7B88

 AB8C95

 AB9EA1

 ABAFAE

 ABC0BA

 ABD1C7

Harmonies

Analogous

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



9C3E7F



AB3756



A4432F

Triad

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



AB3756



3C6D1B



006EAF

Complementary

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



AB3756



37AB8C

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.



007395



AB3756



007343

Square

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



AB3756



696400



00756E



0B62B3

Rectangle

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



AB3756



954F17



00756E



0070A8

Sweetspot

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



AB3756



DEB1BD



8A37AB



70555C



F0F0F0



707070

Same Dimension

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



AB3756



DE2A5A



AB5037



574E50



960028



170006

Inverse Universe

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



AB3756



DE2A5A



3792AB



574E50



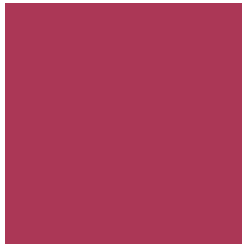
960028



170006

Previews

White Background



This preview shows how the Hex color AB3756 looks on a white background.

Color Contrast Check

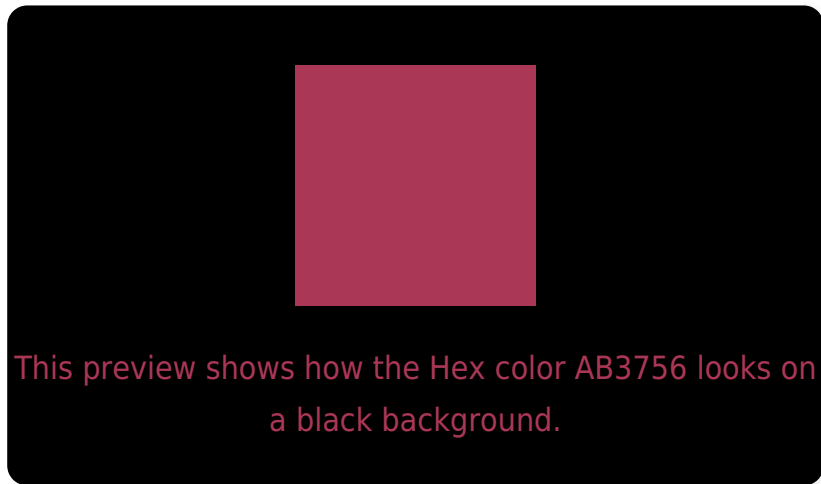
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB3756 Background



This preview shows how black text looks on a background with the Hex color AB3756.

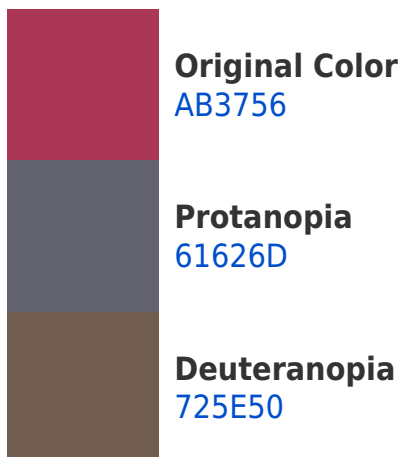


This preview shows how white text looks on a background with the Hex color AB3756.

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



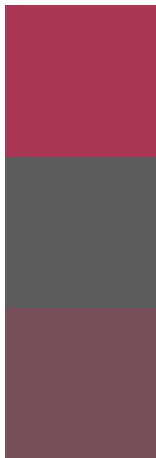
Original Color
AB3756

Protanomaly
7C5265

Deuteranomaly
875052

Tritanomaly
AA3A47

Monochromacy



Original Color
AB3756

Achromatopsia
5D5D5D

Achromatomaly
794F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex AB3756 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 #AB3756 looks like.

```
.text, #text, p{  
    color:#AB3756  
}
```

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 #AB3756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3756
}
```

Border

The CSS property to change the border of an element to Hex AB3756 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
#AB3756 }
```

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

```
.border{ border-color:#AB3756 }
```

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

Here you see how a box with a 4 pixel #AB3756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3756; -webkit-box-shadow:4px 4px  
4px 4px #AB3756; box-shadow:4px 4px 4px  
4px #AB3756 }
```

Background

The CSS property to change the background color of an element to Hex AB3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3756 }
```

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

```
.background{ background-color:#AB3756 }
```

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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