

Converting Colors

Hex(B256AF)

Have a look what the booklet for
Hex(B256AF) contains.

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Color

Hex(B256AF)

Conversions

Conversions Part 1

Format	Color
Hex	B256AF
RGB	178, 86, 175
RGB Percent	70%, 34%, 69%
CMY	0.3020, 0.6627, 0.3137
CMYK	0.00, 0.52, 0.02, 0.30
HSL	302°, 37%, 52%
HSV	302°, 52%, 70%
XYZ	29.4257, 19.2157, 42.7155
YIQ	123.6540, 26.2630, 47.1830

Conversions

Conversions Part 2

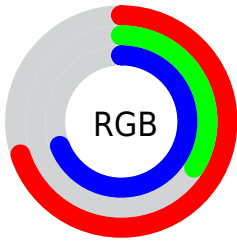
Format	Color
R_{YB}	178, 86, 175
Decimal	11687599
CIE _{Lab}	50.94, 49.72, -31.00
CIE _{LCh}	51, 58.590, 328.056
Yxy	19.2157, 0.3221, 0.2103
Android (android.graphics.Color)	4289877679 (0xFFB256AF)
YUV	123.6540, 25.3136, 47.6614
Hunter-Lab	43.8357, 43.1098, -27.0899

Details

The Hex color **B256AF** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **56B259**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EC8BE7**, and **7B207A** is the 20% darker color. If you saturate the color by 10%, you get **B244AE**, and if you desaturate by 10%, it is **B268B0**.

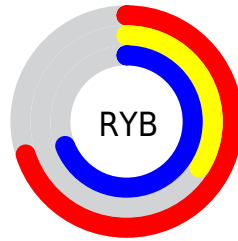
Distribution



Red (70%)

Green (34%)

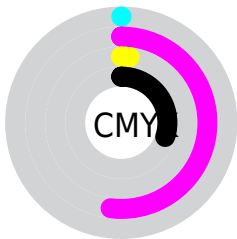
Blue (69%)



Red (70%)

Yellow (34%)

Blue (69%)

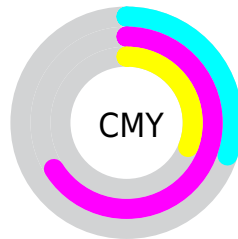


Cyan (0%)

Magenta (52%)

Yellow (2%)

Black (30%)



Cyan (30%)

Magenta (66%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B256AF 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 B256AF by changing the saturation by 10% instead.

 B256AF

 B256AF

FFFFFF

 963C94

 EC8BE7

 7B207A

 FFA7FF

 600061

 FFC3FF

 460049

 FFE0FF

 300032

 FFFDFD

 0A001C

 000000

 B256AF

 B256AF

 B244AE

 B268B0

 B232AE

 B27AB0

 B221AD

 B28BB1

 B20FAD

 B29DB1

 B200AC

 B2AFB2

 B2C1B2

 B2D3B3

 B2E4B4

 B2F6B4

Harmonies

Analogous

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



716DD2



B256AF



CF467F

Triad

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



B256AF



947600



0090A7

Complementary

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



B256AF



56B259

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.



009074



B256AF



638411

Square

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



B256AF



BA6221



008C41



008BCE

Rectangle

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



B256AF



D2485D



008C41



009097

Sweetspot

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



B256AF



E8C3E7



5856B2



755F75



F5F5F5



757575

Same Dimension

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



B256AF



E858E3



B25682



595059



990094



1A0019

Inverse Universe

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



B256AF



E858E3



56B286



595059



990094



1A0019

Previews

White Background



This preview shows how the Hex color B256AF looks on a white background.

Color Contrast Check

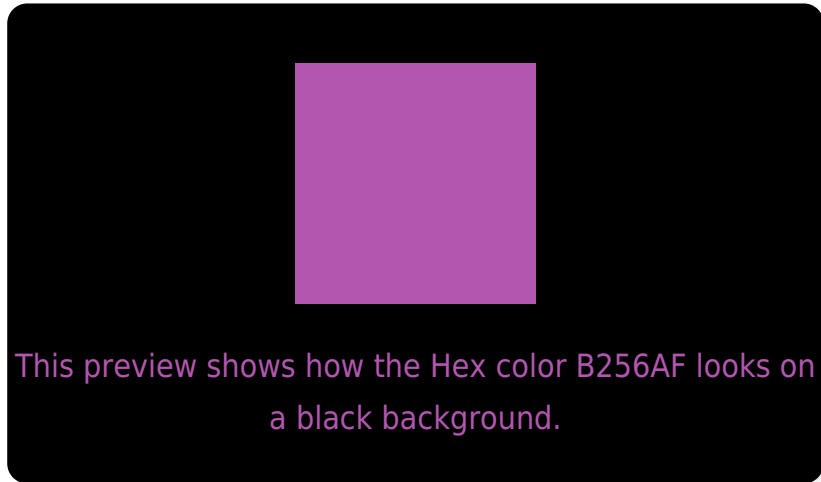
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

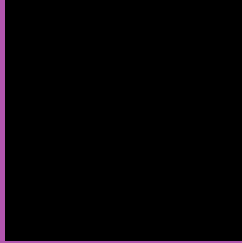
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B256AF Background



This preview shows how black text looks on a background with the Hex color B256AF.

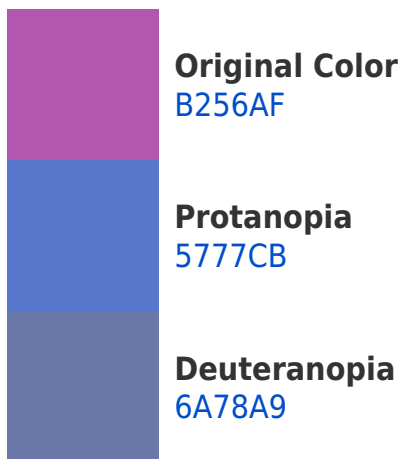



This preview shows how white text looks on a background with the Hex color B256AF.

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
AA666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B256AF 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 #B256AF looks like.

```
.text, #text, p{  
    color:#B256AF  
}
```

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 #B256AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B256AF
}
```

Border

The CSS property to change the border of an element to Hex B256AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

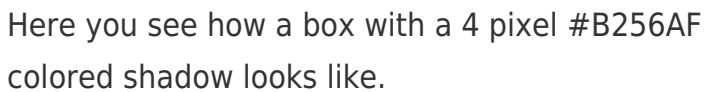
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B256AF }
```

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

```
.border{ border-color:#B256AF }
```

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



Here you see how a box with a 4 pixel #B256AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B256AF; -webkit-box-shadow:4px 4px  
4px 4px #B256AF; box-shadow:4px 4px 4px  
4px #B256AF }
```

Background

The CSS property to change the background color of an element to Hex B256AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B256AF }
```

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

```
.background{ background-color:#B256AF }
```

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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