

Converting Colors

Hex(B512AB)

Have a look what the booklet for
Hex(B512AB) contains.

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Color

Hex(B512AB)

Conversions

Conversions Part 1

Format	Color
Hex	B512AB
RGB	181, 18, 171
RGB Percent	71%, 7%, 67%
CMY	0.2902, 0.9294, 0.3294
CMYK	0.00, 0.90, 0.06, 0.29
HSL	304°, 82%, 39%
HSV	304°, 90%, 71%
XYZ	26.6230, 13.1966, 39.6721
YIQ	84.1790, 48.0350, 82.1390

Conversions

Conversions Part 2

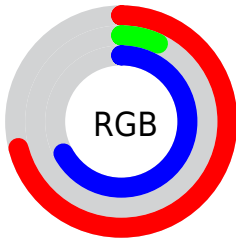
Format	Color
R_{YB}	181, 18, 171
Decimal	11866795
CIE _{Lab}	43.06, 72.59, -41.02
CIE _{LCh}	43, 83.377, 330.527
Yxy	13.1966, 0.3349, 0.1660
Android (android.graphics.Color)	4290056875 (0xFFB512AB)
YUV	84.1790, 42.8028, 84.9120
Hunter-Lab	36.3272, 67.2444, -39.3202

Details

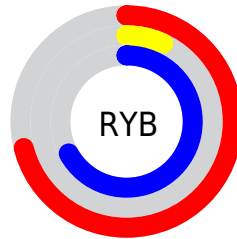
The Hex color **B512AB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **12B51C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F05BE3**, and **7B0076** is the 20% darker color. If you saturate the color by 10%, you get **B500AA**, and if you desaturate by 10%, it is **B524AC**.

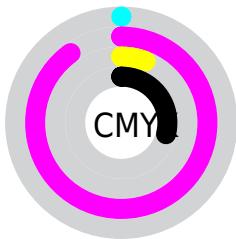
Distribution



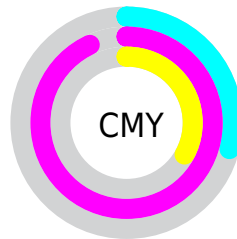
- Red (71%)
- Green (7%)
- Blue (67%)



- Red (71%)
- Yellow (7%)
- Blue (67%)



- Cyan (0%)
- Magenta (90%)
- Yellow (6%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B512AB 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 B512AB by changing the saturation by 10% instead.

 B512AB

 B512AB

FFFFFF

 980090

 F05BE3

 7B0076

 FF79FF

 5F005D

 FF96FF

 450045

 FFB3FF

 29002D

 FFD0FF

 000117

 FFEEFF

 000000

 B512AB

 B512AB

 B500AA

 B524AC

 B536AD

 B548AE

 B55AAF

 B56DB1

 B57FB2

 B591B3

 B5A3B4

 B5B5B5

Harmonies

Analogous

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



5352DF



B512AB



D70068

Triad

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



B512AB



7C6400



0081AB

Complementary

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



B512AB



12B51C

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.



008065



B512AB



327500

Square

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



B512AB



B04400



007D16



007DDF

Rectangle

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



B512AB



D7003B



007D16



008195

Sweetspot

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



B512AB



EBABE7



1A12B5



755073



F5F5F5



757575

Same Dimension

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



B512AB



EB00DC



B5125B



595059



990090



1A0018

Inverse Universe

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



B512AB



EB00DC



12B56C



595059



990090



1A0018

Previews

White Background



This preview shows how the Hex color B512AB looks on a white background.

Color Contrast Check

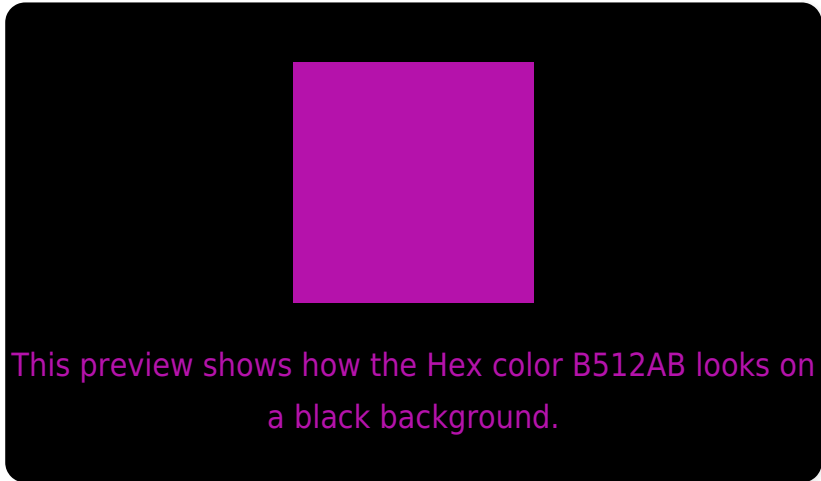
Large Text (above 18pt) WCAG AA ✓ Pass

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

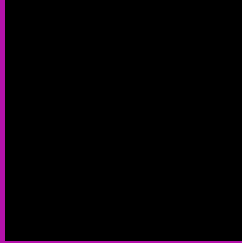
Any Text WCAG AA × Fail

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 B512AB Background



This preview shows how black text looks on a background with the Hex color B512AB.

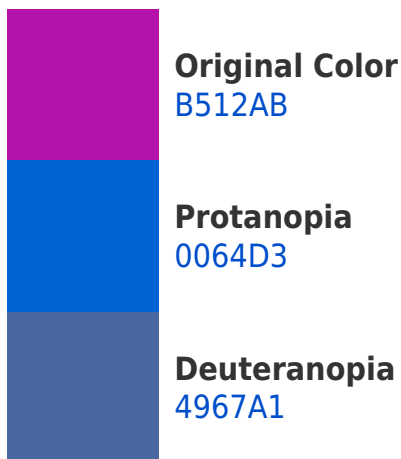


This preview shows how white text looks on a background with the Hex color B512AB.

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
B512AB



Protanomaly
4246C4



Deuteranomaly
7048A5



Tritanomaly
AF326D

Monochromacy



Original Color
B512AB



Achromatopsia
545454



Achromatomaly
773C74

CSS Examples

Text

The CSS property to change the color of the text to Hex B512AB 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 #B512AB looks like.

```
.text, #text, p{  
    color:#B512AB  
}
```

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 #B512AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B512AB
}
```

Border

The CSS property to change the border of an element to Hex B512AB 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
#B512AB }
```

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

```
.border{ border-color:#B512AB }
```

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

Here you see how a box with a 4 pixel #B512AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B512AB; -webkit-box-shadow:4px 4px  
4px 4px #B512AB; box-shadow:4px 4px 4px  
4px #B512AB }
```

Background

The CSS property to change the background color of an element to Hex B512AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B512AB }
```

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

```
.background{ background-color:#B512AB }
```

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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