

Converting Colors

Hex(B254A7)

Have a look what the booklet for
Hex(B254A7) contains.

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Color

Hex(B254A7)

Conversions

Conversions Part 1

Format	Color
Hex	B254A7
RGB	178, 84, 167
RGB Percent	70%, 33%, 65%
CMY	0.3020, 0.6706, 0.3451
CMYK	0.00, 0.53, 0.06, 0.30
HSL	307°, 38%, 51%
HSV	307°, 53%, 70%
XYZ	28.5055, 18.5956, 38.6461
YIQ	121.5680, 29.3810, 45.7410

Conversions

Conversions Part 2

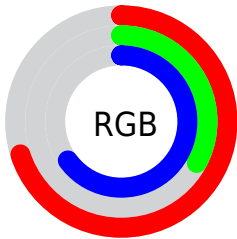
Format	Color
R_{YB}	178, 84, 167
Decimal	11687079
CIE _{Lab}	50.21, 49.29, -27.45
CIE _{LCh}	50, 56.419, 330.888
Yxy	18.5956, 0.3324, 0.2169
Android (android.graphics.Color)	4289877159 (0xFFB254A7)
YUV	121.5680, 22.3980, 49.4909
Hunter-Lab	43.1227, 42.5296, -22.9493

Details

The Hex color **B254A7** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **54B25F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **EC89DE**, and **7B1D73** is the 20% darker color. If you saturate the color by 10%, you get **B242A5**, and if you desaturate by 10%, it is **B266A9**.

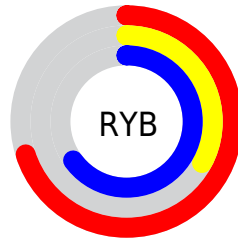
Distribution



Red (70%)

Green (33%)

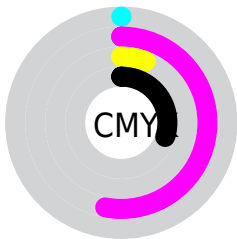
Blue (65%)



Red (70%)

Yellow (33%)

Blue (65%)

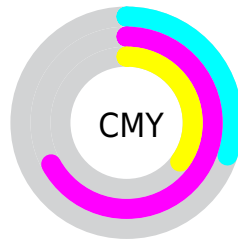


Cyan (0%)

Magenta (53%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (67%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B254A7 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 B254A7 by changing the saturation by 10% instead.

 B254A7

 B254A7

FFFFFF

 963A8C

 EC89DE

 7B1D73

 FFA5FB

 60005A

 FFC1FF


 460042

 FFDDFF

 30002C

 FFFBFF

 060016

 000000

 B254A7

 B254A7

 B242A5

 B266A9

 B230A3

 B278AB

 B21FA1

 B289AD

 B20D9F

 B29BAF

 B2009D

 B2ADB1

 B2BFB3

 B2D1B6

 B2E2B8

 B2F4BA

Harmonies

Analogous

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



786ACA



B254A7



CB4778

Triad

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



B254A7



8E7600



008DA8

Complementary

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



B254A7



54B25F

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.



008E77



B254A7



5D831A

Square

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



B254A7



B36320



008A46



0088CB

Rectangle

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



B254A7



CD4A58



008A46



008E98

Sweetspot

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



B254A7



E8C3E4



5F54B2



755F73



F5F5F5



757575

Same Dimension

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



B254A7



E856D7



B25478



595058



990087



1A0017

Inverse Universe

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



B254A7



E856D7



54B28E



595058



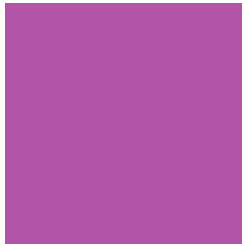
990087



1A0017

Previews

White Background



This preview shows how the Hex color B254A7 looks on a white background.

Color Contrast Check

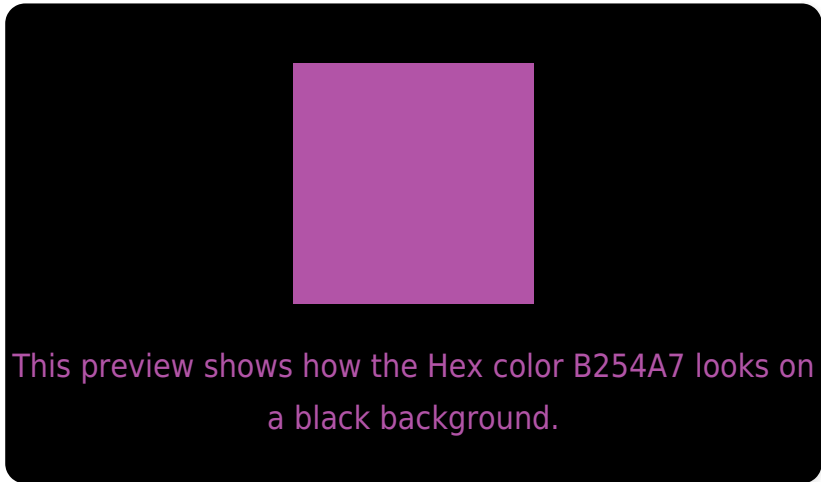
Large Text (above 18pt) WCAG AA ✓ Pass

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

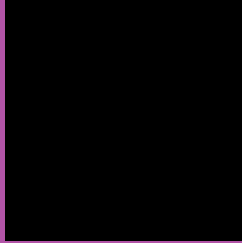
Any Text WCAG AA ✓ Pass

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 B254A7 Background



This preview shows how black text looks on a background with the Hex color B254A7.

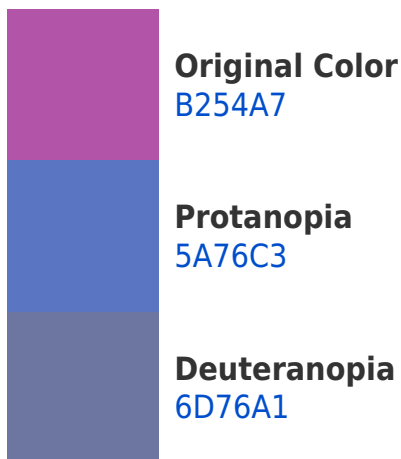



This preview shows how white text looks on a background with the Hex color B254A7.

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](#).

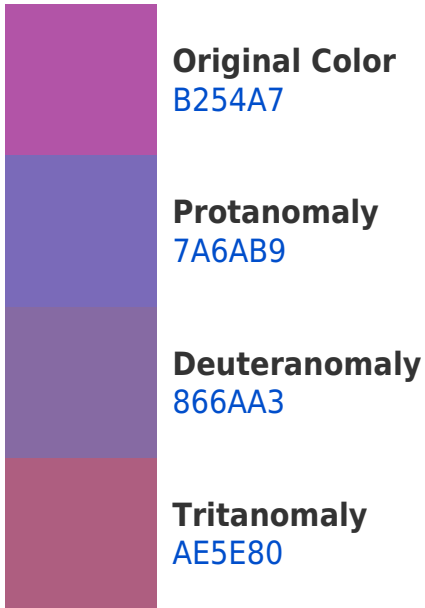
Dichromacy





Tritanopia
AB636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B254A7 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 #B254A7 looks like.

```
.text, #text, p{  
    color:#B254A7  
}
```

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 #B254A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B254A7
}
```

Border

The CSS property to change the border of an element to Hex B254A7 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
#B254A7 }
```

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

```
.border{ border-color:#B254A7 }
```

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

Here you see how a box with a 4 pixel #B254A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B254A7; -webkit-box-shadow:4px 4px  
4px 4px #B254A7; box-shadow:4px 4px 4px  
4px #B254A7 }
```

Background

The CSS property to change the background color of an element to Hex B254A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B254A7 }
```

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

```
.background{ background-color:#B254A7 }
```

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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