

Converting Colors

Hex(B942A1)

Have a look what the booklet for
Hex(B942A1) contains.

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Color

Hex(B942A1)

Conversions

Conversions Part 1

Format	Color
Hex	B942A1
RGB	185, 66, 161
RGB Percent	73%, 26%, 63%
CMY	0.2745, 0.7412, 0.3686
CMYK	0.00, 0.64, 0.13, 0.27
HSL	312°, 47%, 49%
HSV	312°, 64%, 73%
XYZ	28.3888, 16.7839, 35.4616
YIQ	112.4110, 40.4290, 54.7730

Conversions

Conversions Part 2

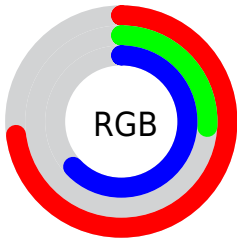
Format	Color
R_{YB}	185, 66, 161
Decimal	12141217
CIE _{Lab}	47.99, 58.42, -27.28
CIE _{LCh}	48, 64.477, 334.968
Yxy	16.7839, 0.3521, 0.2081
Android (android.graphics.Color)	4290331297 (0xFFB942A1)
YUV	112.4110, 23.9544, 63.6606
Hunter-Lab	40.9682, 51.9969, -22.6430

Details

The Hex color **B942A1** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **42B95A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F47AD8**, and **81006D** is the 20% darker color. If you saturate the color by 10%, you get **B9309D**, and if you desaturate by 10%, it is **B955A5**.

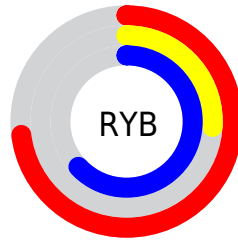
Distribution



Red (73%)

Green (26%)

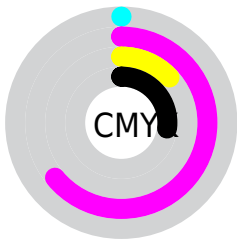
Blue (63%)



Red (73%)

Yellow (26%)

Blue (63%)

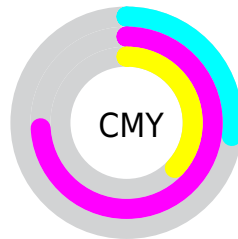


Cyan (0%)

Magenta (64%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (74%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color B942A1 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 B942A1 by changing the saturation by 10% instead.

 B942A1

 B942A1

FFFFFF

 9C2387

 F47AD8

 81006D

 FF95F5

 650054

 FFB2FF

 4A003D

 FFCEFF

 320027

 FFE8FF

 0A000F

 000000

 B942A1

 B942A1

 B9309D

 B955A5

 B91D9A

 B967A8

 B90A96

 B97AAC

 B90094

 B98CB0

 B99FB4

 B9B1B7

 B9C4BB

 B9D6BF

 B9E9C3

Harmonies

Analogous

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



7C5FCC



B942A1



D0326B

Triad

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



B942A1



827300



0089AF

Complementary

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



B942A1



42B95A

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.



008A7A



B942A1



488000

Square

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



B942A1



AD5D00



008741



0084D5

Rectangle

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



B942A1



CF3A48



008741



008A9F

Sweetspot

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



B942A1



F0C2E7



5A42B9



785C72



F7F7F7



787878

Same Dimension

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



B942A1



F037CA



B94266



5C535A



9C007C



1C0016

Inverse Universe

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



B942A1



F037CA



42B995



5C535A



9C007C



1C0016

Previews

White Background



This preview shows how the Hex color B942A1 looks on a white background.

Color Contrast Check

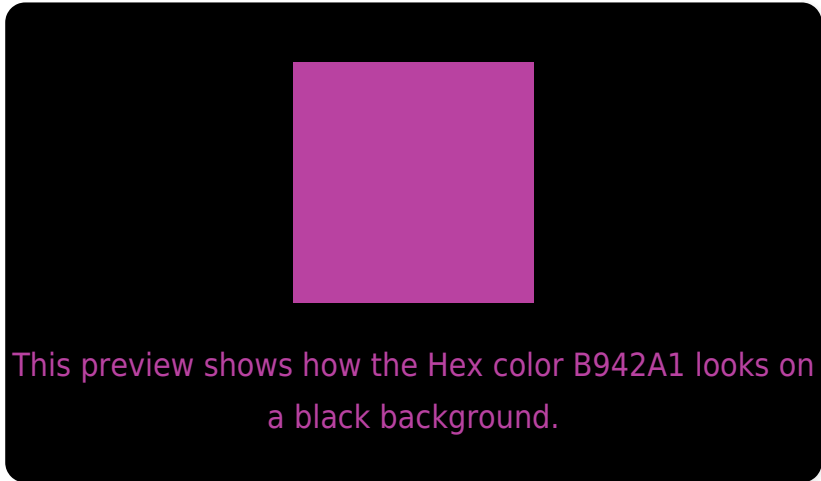
Large Text (above 18pt) WCAG AA ✓ Pass

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 B942A1 Background



This preview shows how black text looks on a background with the Hex color B942A1.

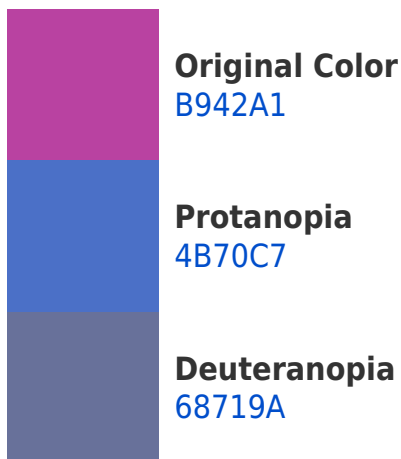


This preview shows how white text looks on a background with the Hex color B942A1.

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](#).

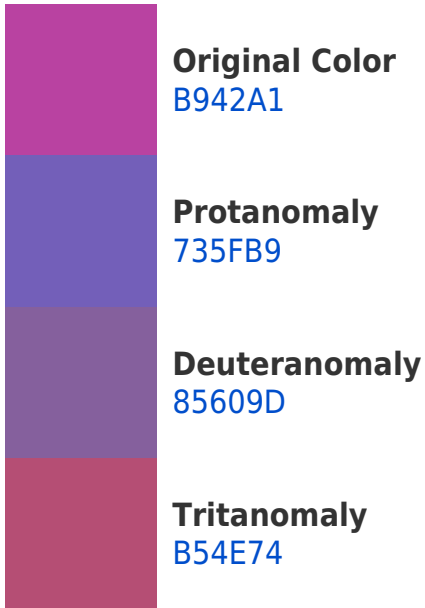
Dichromacy



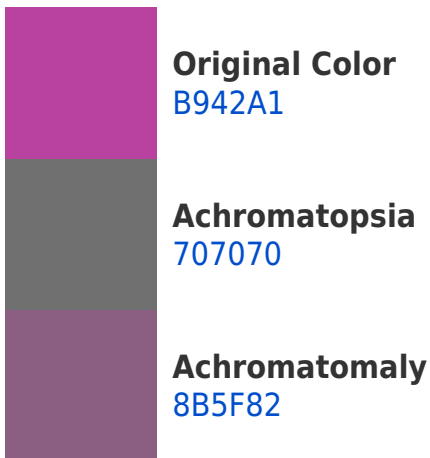


Tritanopia
B2555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B942A1 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 #B942A1 looks like.

```
.text, #text, p{  
    color:#B942A1  
}
```

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 #B942A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B942A1
}
```

Border

The CSS property to change the border of an element to Hex B942A1 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
#B942A1 }
```

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

```
.border{ border-color:#B942A1 }
```

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

Here you see how a box with a 4 pixel #B942A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B942A1; -webkit-box-shadow:4px 4px  
4px 4px #B942A1; box-shadow:4px 4px 4px  
4px #B942A1 }
```

Background

The CSS property to change the background color of an element to Hex B942A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B942A1 }
```

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

```
.background{ background-color:#B942A1 }
```

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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