

Converting Colors

Hex(B59EA5)

Have a look what the booklet for
Hex(B59EA5) contains.

Hex(B59EA5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B59EA5)

Conversions

Conversions Part 1

Format	Color
Hex	B59EA5
RGB	181, 158, 165
RGB Percent	71%, 62%, 65%
CMY	0.2902, 0.3804, 0.3529
CMYK	0.00, 0.13, 0.09, 0.29
HSL	342°, 13%, 66%
HSV	342°, 13%, 71%
XYZ	38.0744, 36.9941, 40.7311
YIQ	165.6750, 11.4610, 7.0530

Conversions

Conversions Part 2

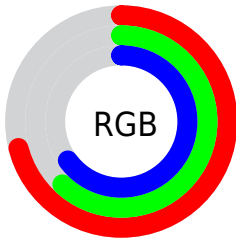
Format	Color
RYB	181, 158, 165
Decimal	11902629
CIELab	67.27, 9.65, -0.53
CIElCh	67, 9.664, 356.834
Yxy	36.9941, 0.3288, 0.3195
Android (android.graphics.Color)	4290092709 (0xFFB59EA5)
YUV	165.6750, -0.3328, 13.4400
Hunter-Lab	60.8228, 5.2994, 2.8712

Details

The Hex color **B59EA5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9EB5AE**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **EDD5DC**, and **806B71** is the 20% darker color. If you saturate the color by 10%, you get **B58C98**, and if you desaturate by 10%, it is **B5B0B2**.

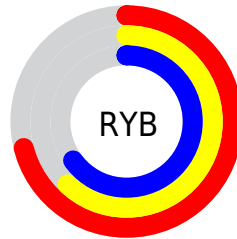
Distribution



Red (71%)

Green (62%)

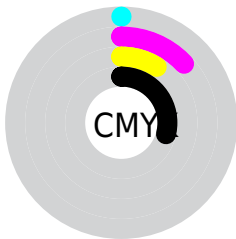
Blue (65%)



Red (71%)

Yellow (62%)

Blue (65%)

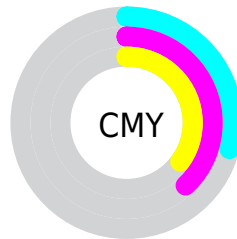


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B59EA5 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 B59EA5 by changing the saturation by 10% instead.



B59EA5



B59EA5

FFFFFF



9A848B



EDD5DC



806B71



FFF1F8



675259



4F3B41



38262B



221117



000000



B59EA5



B59EA5



B58C98



B5B0B2

 B57A8C

 B5C2BE

 B5687F

 B5D4CB

 B55673

 B5E6D7

 B54466

 B5F9E4

 B53159

 B5FFF1

 B51F4D

 B5FFFD

 B50D40

 B5FFFF

 B50037

Harmonies

Analogous

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



AE9FAD



B59EA5



B79E9C

Triad

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



B59EA5



A2A694



91A7B2

Complementary

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



B59EA5



9EB5AE

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.



8EA9AB



B59EA5



98A89A

Square

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



B59EA5



ACA393



91A9A2



9AA5B5

Rectangle

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



B59EA5



B59F97



91A9A2



90A8B0

Sweetspot

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



B59EA5



EBE1E4



AE9EB5



756F71



F5F5F5



757575

Same Dimension

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



B59EA5



EBC7D2



B5A29E



595053



99002F



1A0008

Inverse Universe

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



B59EA5



EBC7D2



9EB1B5



595053



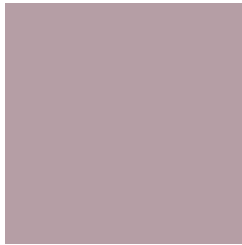
99002F



1A0008

Previews

White Background



This preview shows how the Hex color B59EA5 looks on a white background.

Color Contrast Check

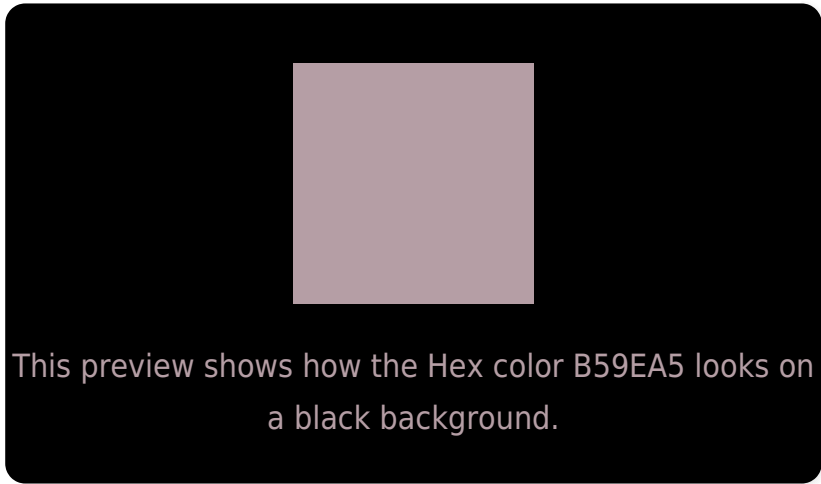
Large Text (above 18pt) WCAG AA × Fail

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

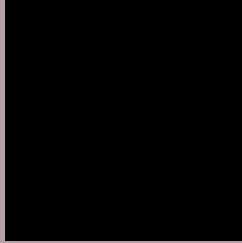
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex B59EA5 Background



This preview shows how black text looks on a background with the Hex color B59EA5.

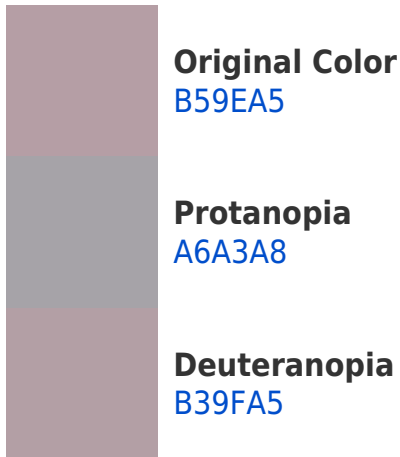


This preview shows how white text looks on a background with the Hex color B59EA5.

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
B69DAA

Trichromacy



Original Color
B59EA5

Protanomaly
ABA1A7

Deuteranomaly
B49FA5

Tritanomaly
B69DA8

Monochromacy



Original Color
B59EA5

Achromatopsia
A6A6A6

Achromatomaly
ABA3A6

CSS Examples

Text

The CSS property to change the color of the text to Hex B59EA5 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 #B59EA5 looks like.

```
.text, #text, p{  
    color:#B59EA5  
}
```

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 #B59EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59EA5  
}
```

Border

The CSS property to change the border of an element to Hex B59EA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

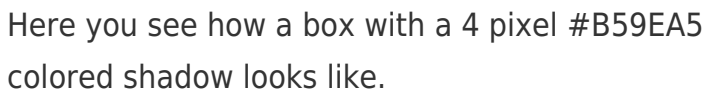
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B59EA5 }
```

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

```
.border{ border-color:#B59EA5 }
```

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



Here you see how a box with a 4 pixel #B59EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59EA5; -webkit-box-shadow:4px 4px  
4px 4px #B59EA5; box-shadow:4px 4px 4px  
4px #B59EA5 }
```

Background

The CSS property to change the background color of an element to Hex B59EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59EA5 }
```

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

```
.background{ background-color:#B59EA5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor