

Converting Colors

Hex(B2A2A7)

Have a look what the booklet for
Hex(B2A2A7) contains.

Hex(B2A2A7)	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(B2A2A7)

Conversions

Conversions Part 1

Format	Color
Hex	B2A2A7
RGB	178, 162, 167
RGB Percent	70%, 64%, 65%
CMY	0.3020, 0.3647, 0.3451
CMYK	0.00, 0.09, 0.06, 0.30
HSL	341°, 9%, 67%
HSV	341°, 9%, 70%
XYZ	38.2555, 38.0957, 41.8961
YIQ	167.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

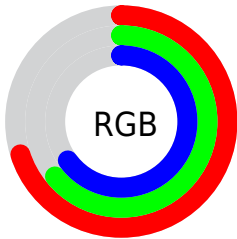
Format	Color
RYB	178, 162, 167
Decimal	11707047
CIELab	68.09, 6.70, -0.48
CIELCh	68, 6.722, 355.875
Yxy	38.0957, 0.3235, 0.3222
Android (android.graphics.Color)	4289897127 (0xFFB2A2A7)
YUV	167.3540, -0.1745, 9.3365
Hunter-Lab	61.7217, 2.6225, 2.9596

Details

The Hex color **B2A2A7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A2B2AD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EAD9DE**, and **7D6E73** is the 20% darker color. If you saturate the color by 10%, you get **B2909B**, and if you desaturate by 10%, it is **B2B4B3**.

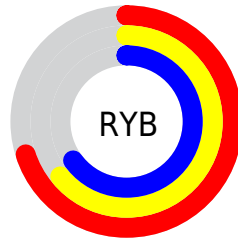
Distribution



Red (70%)

Green (64%)

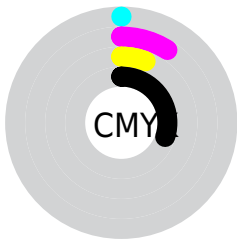
Blue (65%)



Red (70%)

Yellow (64%)

Blue (65%)

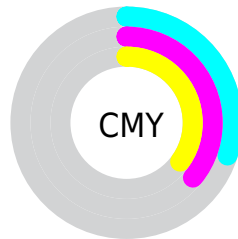


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2A2A7 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 B2A2A7 by changing the saturation by 10% instead.



B2A2A7



B2A2A7

FFFFFF



97888D



EAD9DE



7D6E73



FFF5FB



64565B



4C3F43



35292D



201518



000000



B2A2A7



B2A2A7



B2909B



B2B4B3

 B27E8F

 B2C6BF

 B26D82

 B2D7CC

 B25B76

 B2E9D8

 B2496A

 B2FBE4

 B2375E

 B2FFFO

 B22551

 B2FFFD

 B21445

 B2FFFF

 B20239

Harmonies

Analogous

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



ADA3AD



B2A2A7



B3A2A1

Triad

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



B2A2A7



A5A79B



99A8B0

Complementary

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



B2A2A7



A2B2AD

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.



97A9AB



B2A2A7



9EA99F

Square

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



B2A2A7



ACA59A



99AAA5



9FA7B2

Rectangle

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



B2A2A7



B2A39D



99AAA5



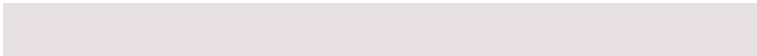
98A9AE

Sweetspot

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



B2A2A7



E8E1E3



ADA2B2



757172



F5F5F5



757575

Same Dimension

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



B2A2A7



E8CFD7



B2A5A2



595053



990030



1A0008

Inverse Universe

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



B2A2A7



E8CFD7



A2AFB2



595053



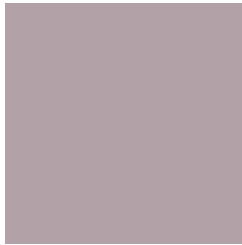
990030



1A0008

Previews

White Background



This preview shows how the Hex color B2A2A7 looks on a white background.

Color Contrast Check

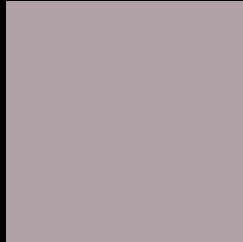
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B2A2A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

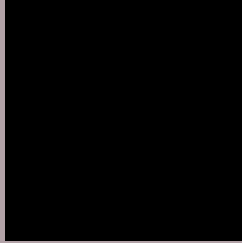
Any Text WCAG AA ✓ Pass

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 B2A2A7 Background



This preview shows how black text looks on a background with the Hex color B2A2A7.



This preview shows how white text looks on a background with the Hex color B2A2A7.

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



Original Color
B2A2A7

Protanopia
A8A5A9

Deuteranopia
B5A1A7



Tritanopia
B3A1AE

Trichromacy



Original Color

B2A2A7

Protanomaly

ACA4A8

Deuteranomaly

B4A1A7

Tritanomaly

B3A1AB

Monochromacy



Original Color

B2A2A7

Achromatopsia

A7A7A7

Achromatomaly

ABA5A7

CSS Examples

Text

The CSS property to change the color of the text to Hex B2A2A7 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 #B2A2A7 looks like.

```
.text, #text, p{  
    color:#B2A2A7  
}
```

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 #B2A2A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A2A7
}
```

Border

The CSS property to change the border of an element to Hex B2A2A7 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
#B2A2A7 }
```

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

```
.border{ border-color:#B2A2A7 }
```

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

Here you see how a box with a 4 pixel #B2A2A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A2A7; -webkit-box-shadow:4px 4px  
4px 4px #B2A2A7; box-shadow:4px 4px 4px  
4px #B2A2A7 }
```

Background

The CSS property to change the background color of an element to Hex B2A2A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A2A7 }
```

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

```
.background{ background-color:#B2A2A7 }
```

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