

Converting Colors

Hex(B275B8)

Have a look what the booklet for
Hex(B275B8) contains.

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Color

Hex(B275B8)

Conversions

Conversions Part 1

Format	Color
Hex	B275B8
RGB	178, 117, 184
RGB Percent	70%, 46%, 72%
CMY	0.3020, 0.5412, 0.2784
CMYK	0.03, 0.36, 0.00, 0.28
HSL	295°, 32%, 59%
HSV	295°, 36%, 72%
XYZ	33.3731, 25.6482, 48.5391
YIQ	142.8770, 14.8490, 33.7690

Conversions

Conversions Part 2

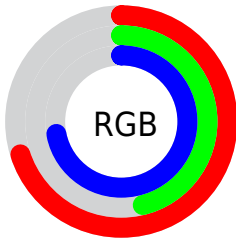
Format	Color
R_{YB}	178, 117, 184
Decimal	11695544
CIE _{Lab}	57.70, 35.06, -25.71
CIE _{LCh}	58, 43.478, 323.747
Yxy	25.6482, 0.3103, 0.2385
Android (android.graphics.Color)	4289885624 (0xFFB275B8)
YUV	142.8770, 20.2736, 30.8029
Hunter-Lab	50.6441, 28.9996, -21.3747

Details

The Hex color **B275B8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7BB875**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EBAAF0**, and **7C4383** is the 20% darker color. If you saturate the color by 10%, you get **B063B8**, and if you desaturate by 10%, it is **B487B8**.

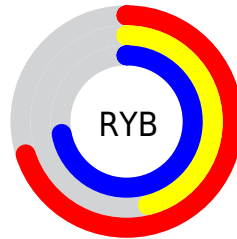
Distribution



Red (70%)

Green (46%)

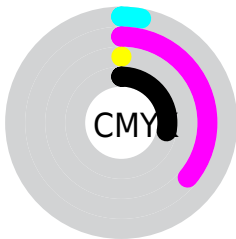
Blue (72%)



Red (70%)

Yellow (46%)

Blue (72%)

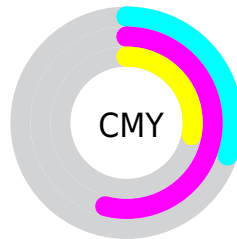


Cyan (3%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (54%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B275B8 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 B275B8 by changing the saturation by 10% instead.

 B275B8

 B275B8

FFFFFF

 975C9D

 EBAAF0

 7C4383

 FFC6FF

 622B69

 FFE2FF

 491251

 31003A

 1C0024

 00000B

 000000

 B275B8

 B275B8

 B063B8

 B487B8

 AF50B8

 B59AB8

 AD3EB8

 B7ACB8

 AB2BB8

 B9BFB8

 AA19B8

 BAD1B8

 A807B8

 BCE3B8

 A800B8

 BEF6B8

 BFFF8

 C1FF8

Harmonies

Analogous

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



8184D0



B275B8



CD6B94

Triad

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



B275B8



A8863D



009EA8

Complementary

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



B275B8



7BB875

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.



009D81



B275B8



839242

Square

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



B275B8



C4784E



55995C



009AC7

Rectangle

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



B275B8



D26B7A



55995C



009E9B

Sweetspot

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



B275B8



EDD5F0



757CB8



766878



F7F7F7



787878

Same Dimension

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



B275B8



E686F0



B8759D



5B535C



8E009C



1A001C

Inverse Universe

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



B8757B



F08690



75B890



5C5353



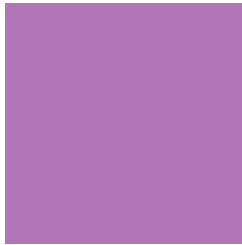
9C000E



1C0003

Previews

White Background



This preview shows how the Hex color B275B8 looks on a white background.

Color Contrast Check

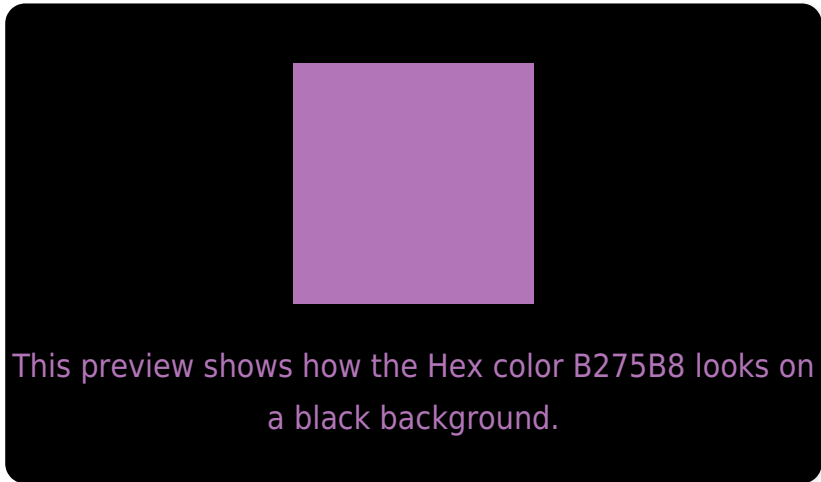
Large Text (above 18pt) WCAG AA ✓ Pass

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

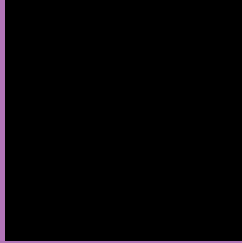
Any Text WCAG AA ✓ Pass

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 B275B8 Background



This preview shows how black text looks on a background with the Hex color B275B8.

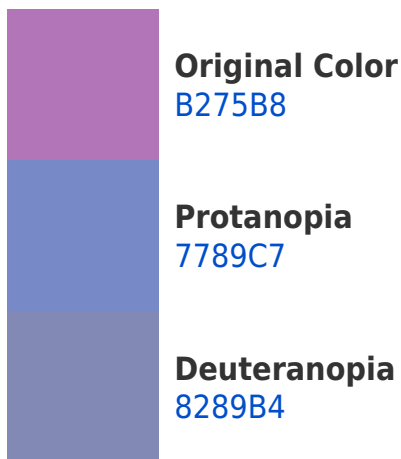


This preview shows how white text looks on a background with the Hex color B275B8.

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
AC7F89

Trichromacy



Original Color
B275B8

Protanomaly
8C82C2

Deuteranomaly
9382B5

Tritanomaly
AE7B9A

Monochromacy



Original Color
B275B8

Achromatopsia
8F8F8F

Achromatomaly
9C869E

CSS Examples

Text

The CSS property to change the color of the text to Hex B275B8 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 #B275B8 looks like.

```
.text, #text, p{  
    color:#B275B8  
}
```

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 #B275B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B275B8
}
```

Border

The CSS property to change the border of an element to Hex B275B8 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
#B275B8 }
```

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

```
.border{ border-color:#B275B8 }
```

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

Here you see how a box with a 4 pixel #B275B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B275B8; -webkit-box-shadow:4px 4px  
4px 4px #B275B8; box-shadow:4px 4px 4px  
4px #B275B8 }
```

Background

The CSS property to change the background color of an element to Hex B275B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B275B8 }
```

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

```
.background{ background-color:#B275B8 }
```

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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