

Converting Colors

Hex(B52D8A)

Have a look what the booklet for
Hex(B52D8A) contains.

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Color

Hex(B52D8A)

Conversions

Conversions Part 1

Format	Color
Hex	B52D8A
RGB	181, 45, 138
RGB Percent	71%, 18%, 54%
CMY	0.2902, 0.8235, 0.4588
CMYK	0.00, 0.75, 0.24, 0.29
HSL	319°, 60%, 44%
HSV	319°, 75%, 71%
XYZ	24.5819, 13.5355, 25.3618
YIQ	96.2660, 51.2030, 57.7550

Conversions

Conversions Part 2

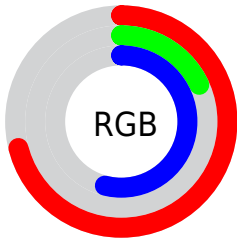
Format	Color
RYB	181, 45, 138
Decimal	11873674
CIELab	43.56, 61.84, -20.37
CIELCh	44, 65.110, 341.771
Yxy	13.5355, 0.3872, 0.2132
Android (android.graphics.Color)	4290063754 (0xFFB52D8A)
YUV	96.2660, 20.5749, 74.3117
Hunter-Lab	36.7906, 54.8823, -15.1183

Details

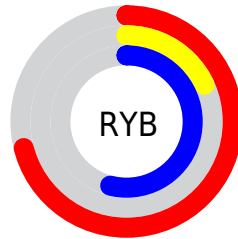
The Hex color **B52D8A** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2DB558**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F068C0**, and **7C0058** is the 20% darker color. If you saturate the color by 10%, you get **B51B84**, and if you desaturate by 10%, it is **B53F90**.

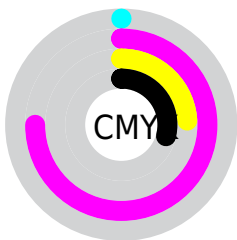
Distribution



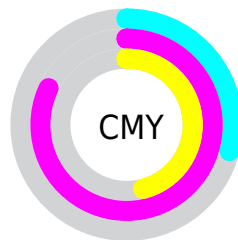
- Red (71%)
- Green (18%)
- Blue (54%)



- Red (71%)
- Yellow (18%)
- Blue (54%)



- Cyan (0%)
- Magenta (75%)
- Yellow (24%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B52D8A 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 B52D8A by changing the saturation by 10% instead.

 B52D8A

 B52D8A

FFFFFF

 980070

 F068C0

 7C0058

 FF84DC

 600040

 FFA1F8

 45002A

 FFBDFE

 2B0015

 FFDAFF

 000000

 FFF8FF

 B52D8A

 B52D8A

 B51B84

 B53F90

 B5097F

 B55195

 B5007C

 B5639B

 B575A1

 B588A7

 B59AAC

 B5ACB2

 B5BEB8

 B5D0BE

Harmonies

Analogous

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



824DB8



B52D8A



C42154

Triad

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



B52D8A



6A6B00



007DAE

Complementary

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



B52D8A



2DB558

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.



007E7C



B52D8A



277700

Square

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



B52D8A



975800



007C43



0076CE

Rectangle

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



B52D8A



BF3232



007C43



007E9F

Sweetspot

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



B52D8A



EBB5DA



562DB5



75546B



F5F5F5



757575

Same Dimension

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



B52D8A



EB17A8



B52D48



595056



990069



1A0011

Inverse Universe

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



B52D8A



EB17A8



2DB59A



595056



990069



1A0011

Previews

White Background



This preview shows how the Hex color B52D8A looks on a white background.

Color Contrast Check

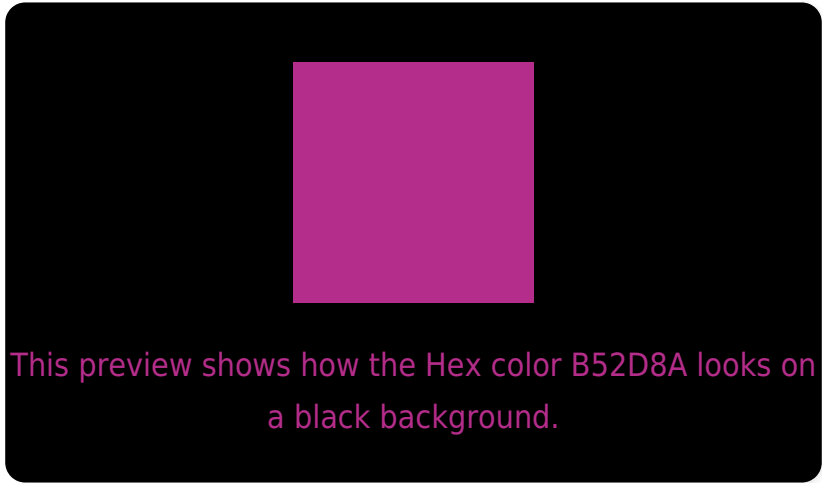
Large Text (above 18pt) WCAG AA ✓ Pass

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 B52D8A Background



This preview shows how black text looks on a background with the Hex color B52D8A.

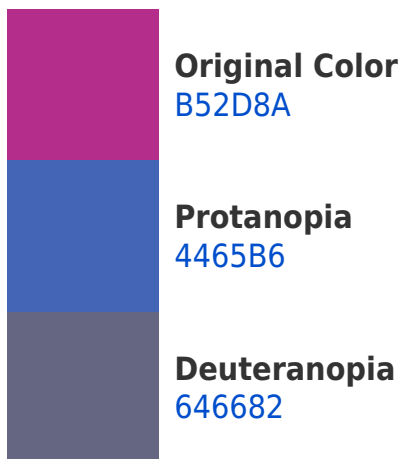



This preview shows how white text looks on a background with the Hex color B52D8A.

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
AF4347

Trichromacy



Original Color
B52D8A



Protanomaly
6D51A6



Deuteranomaly
815185



Tritanomaly
B13B5F

Monochromacy



Original Color
B52D8A



Achromatopsia
606060



Achromatomaly
7F4D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex B52D8A 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 #B52D8A looks like.

```
.text, #text, p{  
    color:#B52D8A  
}
```

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 #B52D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B52D8A
}
```

Border

The CSS property to change the border of an element to Hex B52D8A 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
#B52D8A }
```

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

```
.border{ border-color:#B52D8A }
```

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

Here you see how a box with a 4 pixel #B52D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B52D8A; -webkit-box-shadow:4px 4px  
4px 4px #B52D8A; box-shadow:4px 4px 4px  
4px #B52D8A }
```

Background

The CSS property to change the background color of an element to Hex B52D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B52D8A }
```

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

```
.background{ background-color:#B52D8A }
```

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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