

Converting Colors

Hex(B42D96)

Have a look what the booklet for
Hex(B42D96) contains.

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Color

Hex(B42D96)

Conversions

Conversions Part 1

Format	Color
Hex	B42D96
RGB	180, 45, 150
RGB Percent	71%, 18%, 59%
CMY	0.2941, 0.8235, 0.4118
CMYK	0.00, 0.75, 0.17, 0.29
HSL	313°, 60%, 44%
HSV	313°, 75%, 71%
XYZ	25.2658, 13.7821, 30.1827
YIQ	97.3350, 46.7550, 61.2750

Conversions

Conversions Part 2

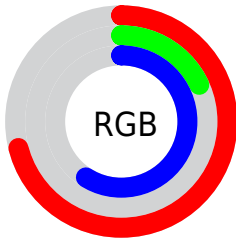
Format	Color
R_{YB}	180, 45, 150
Decimal	11808150
CIE _{Lab}	43.92, 63.22, -27.10
CIE _{LCh}	44, 68.782, 336.799
Yxy	13.7821, 0.3650, 0.1991
Android (android.graphics.Color)	4289998230 (0xFFB42D96)
YUV	97.3350, 25.9638, 72.4972
Hunter-Lab	37.1242, 56.5152, -22.2170

Details

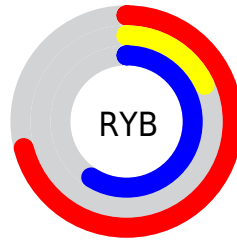
The Hex color **B42D96** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2DB44B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **EF68CC**, and **7B0063** is the 20% darker color. If you saturate the color by 10%, you get **B41B92**, and if you desaturate by 10%, it is **B43F9A**.

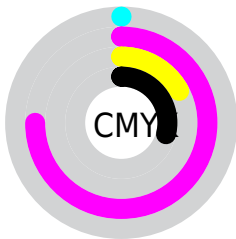
Distribution



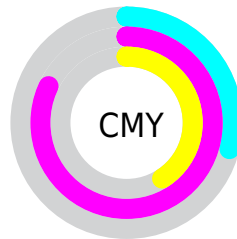
- Red (71%)
- Green (18%)
- Blue (59%)



- Red (71%)
- Yellow (18%)
- Blue (59%)



- Cyan (0%)
- Magenta (75%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color B42D96 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 B42D96 by changing the saturation by 10% instead.

 B42D96

 B42D96

FFFFFF

 97007C

 EF68CC

 7B0063

 FF85E9

 5F004B

 FFA1FF

 450034

 FFBEFF

 2A001E

 FFDBFF

 000000

 FFF8FF

 B42D96

 B42D96

 B41B92

 B43F9A

 B4098E

 B4519E

 B4008C

 B463A2

 B475A6

 B487AA

 B499AE

 B4ABB2

 B4BDB6

 B4CFBA

Harmonies

Analogous

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



7651C4



B42D96



CA145D

Triad

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



B42D96



736A00



007FAB

Complementary

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



B42D96



2DB44B

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.



008074



B42D96



337700

Square

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



B42D96



A15400



007D37



007AD2

Rectangle

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



B42D96



C62738



007D37



00809A

Sweetspot

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



B42D96



EBB5DF



4A2DB4



75546E



F5F5F5



757575

Same Dimension

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



B42D96



EB17BC



B42D53



595057



990077



1A0014

Inverse Universe

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



B42D96



EB17BC



2DB48E



595057



990077



1A0014

Previews

White Background



This preview shows how the Hex color B42D96 looks on a white background.

Color Contrast Check

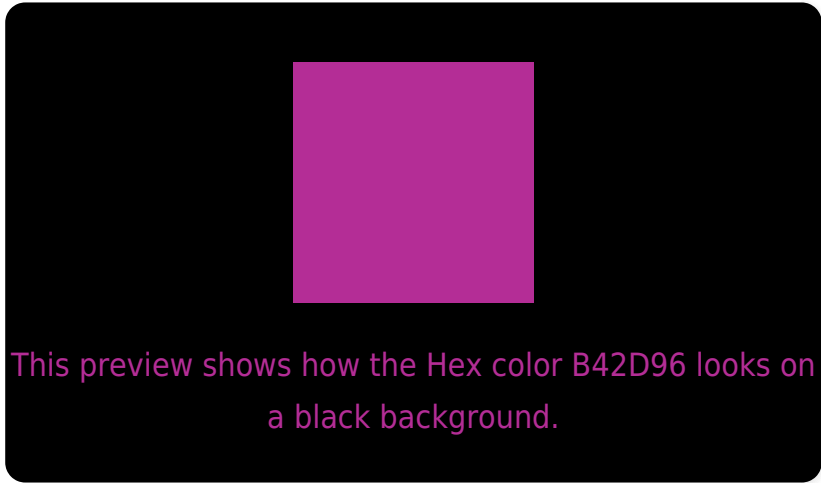
Large Text (above 18pt) WCAG AA ✓ Pass

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

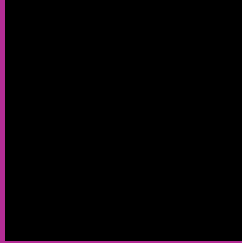
Any Text WCAG AA × Fail

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 B42D96 Background



This preview shows how black text looks on a background with the Hex color B42D96.

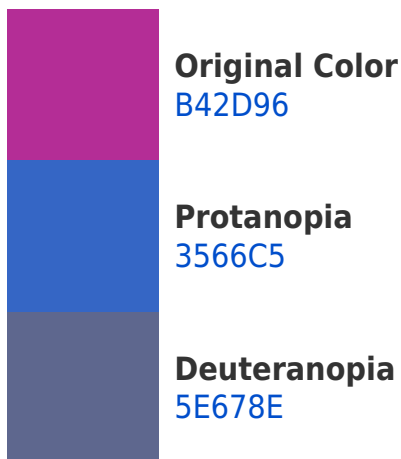


This preview shows how white text looks on a background with the Hex color B42D96.

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](#).

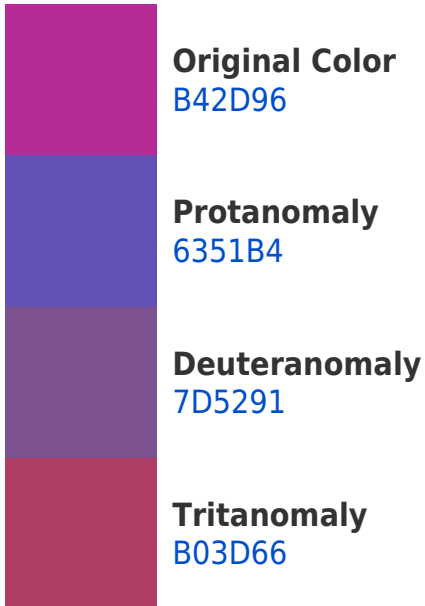
Dichromacy



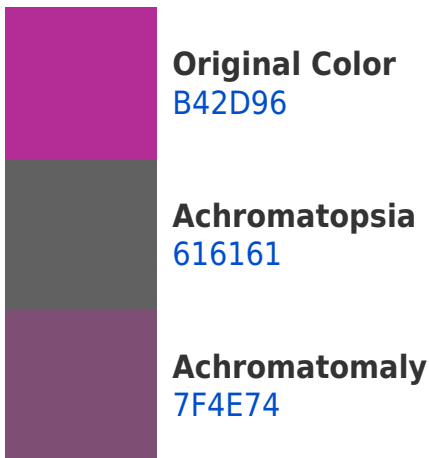


Tritanopia
AD464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B42D96 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 #B42D96 looks like.

```
.text, #text, p{  
    color:#B42D96  
}
```

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 #B42D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B42D96
}
```

Border

The CSS property to change the border of an element to Hex B42D96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

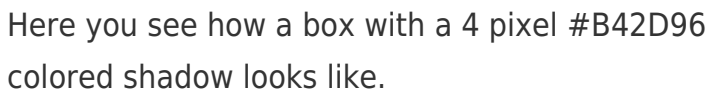
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B42D96 }
```

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

```
.border{ border-color:#B42D96 }
```

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



Here you see how a box with a 4 pixel #B42D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B42D96; -webkit-box-shadow:4px 4px  
4px 4px #B42D96; box-shadow:4px 4px 4px  
4px #B42D96 }
```

Background

The CSS property to change the background color of an element to Hex B42D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B42D96 }
```

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

```
.background{ background-color:#B42D96 }
```

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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