

Converting Colors

Hex(B62296)

Have a look what the booklet for
Hex(B62296) contains.

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Color

Hex(B62296)

Conversions

Conversions Part 1

Format	Color
Hex	B62296
RGB	182, 34, 150
RGB Percent	71%, 13%, 59%
CMY	0.2863, 0.8667, 0.4118
CMYK	0.00, 0.81, 0.18, 0.29
HSL	313°, 69%, 42%
HSV	313°, 81%, 71%
XYZ	25.3685, 13.2911, 30.0825
YIQ	91.4760, 50.9720, 67.4520

Conversions

Conversions Part 2

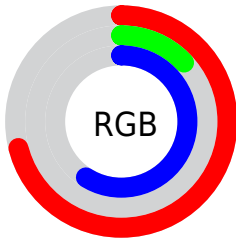
Format	Color
R_{YB}	182, 34, 150
Decimal	11936406
CIE _{Lab}	43.20, 66.76, -28.19
CIE _{LCh}	43, 72.468, 337.104
Yxy	13.2911, 0.3690, 0.1933
Android (android.graphics.Color)	4290126486 (0xFFB62296)
YUV	91.4760, 28.8523, 79.3895
Hunter-Lab	36.4570, 60.4086, -23.4033

Details

The Hex color **B62296** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **22B642**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **F162CC**, and **7D0063** is the 20% darker color. If you saturate the color by 10%, you get **B61092**, and if you desaturate by 10%, it is **B6349A**.

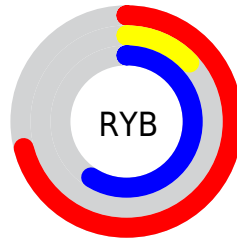
Distribution



Red (71%)

Green (13%)

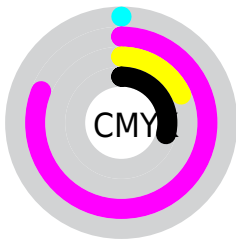
Blue (59%)



Red (71%)

Yellow (13%)

Blue (59%)

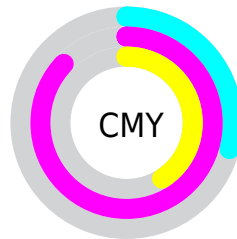


Cyan (0%)

Magenta (81%)

Yellow (18%)

Black (29%)



Cyan (29%)

Magenta (87%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color B62296 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 B62296 by changing the saturation by 10% instead.

 B62296

 B62296

FFFFFF

 99007C

 F162CC

 7D0063

 FF7EE9

 61004B

 FF9BFF

 460034

 FFB8FF

 2B001E

 FFD5FF

 000000

 FFF3FF

 B62296

 B62296

 B61092

 B6349A

 B6008F

 B6469E

 B659A2

 B66BA6

 B67DAA

 B68FAE

 B6A1B2

 B6B4B5

 B6C6B9

Harmonies

Analogous

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



754EC7



B62296



CC005B

Triad

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



B62296



706800



007EAE

Complementary

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



B62296



22B642

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.



007F73



B62296



2A7600

Square

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



B62296



A05100



007C33



0079D6

Rectangle

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



B62296



C81A34



007C33



007F9C

Sweetspot

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



B62296



EDB4E1



4022B6



785570



F7F7F7



787878

Same Dimension

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



B62296



ED05BB



B6224E



5C535A



9C007A



1C0016

Inverse Universe

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



B62296



ED05BB



22B68A



5C535A



9C007A



1C0016

Previews

White Background



This preview shows how the Hex color B62296 looks on a white background.

Color Contrast Check

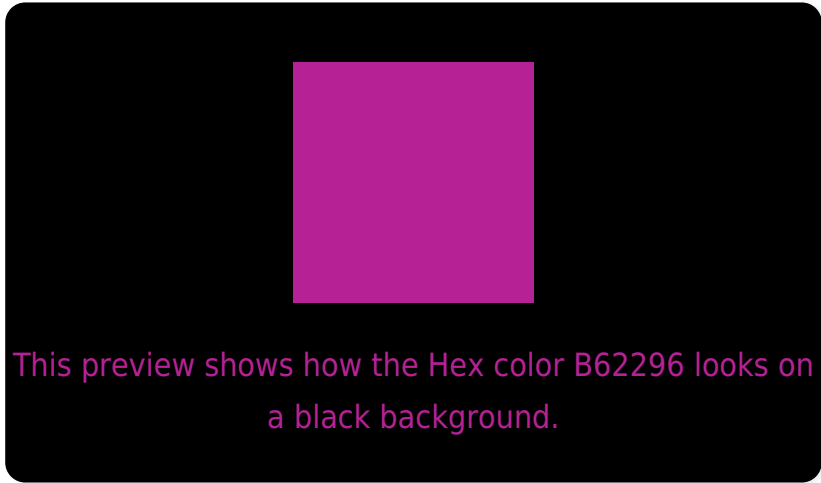
Large Text (above 18pt) WCAG AA ✓ Pass

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

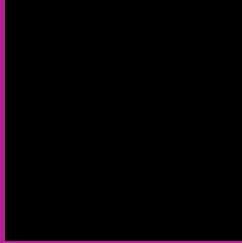
Any Text WCAG AA × Fail

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 B62296 Background



This preview shows how black text looks on a background with the Hex color B62296.



This preview shows how white text looks on a background with the Hex color B62296.

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



Trichromacy



Original Color
B62296



Protanomaly
5A4CB8



Deuteranomaly
7C4D90



Tritanomaly
B23662

Monochromacy



Original Color
B62296



Achromatopsia
5B5B5B



Achromatomaly
7C4670

CSS Examples

Text

The CSS property to change the color of the text to Hex B62296 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 #B62296 looks like.

```
.text, #text, p{  
    color:#B62296  
}
```

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 #B62296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62296  
}
```

Border

The CSS property to change the border of an element to Hex B62296 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  
#B62296 }
```

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

```
.border{ border-color:#B62296 }
```

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

Here you see how a box with a 4 pixel #B62296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62296; -webkit-box-shadow:4px 4px  
4px 4px #B62296; box-shadow:4px 4px 4px  
4px #B62296 }
```

Background

The CSS property to change the background color of an element to Hex B62296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62296 }
```

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

```
.background{ background-color:#B62296 }
```

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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