

Converting Colors

Hex(B62191)

Have a look what the booklet for
Hex(B62191) contains.

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Color

Hex(B62191)

Conversions

Conversions Part 1

Format	Color
Hex	B62191
RGB	182, 33, 145
RGB Percent	71%, 13%, 57%
CMY	0.2863, 0.8706, 0.4314
CMYK	0.00, 0.82, 0.20, 0.29
HSL	315°, 69%, 42%
HSV	315°, 82%, 71%
XYZ	24.9461, 13.0771, 27.9974
YIQ	90.3190, 52.8520, 66.4200

Conversions

Conversions Part 2

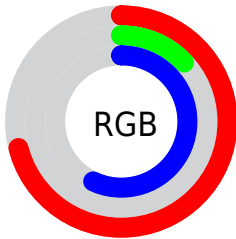
Format	Color
R _Y B	182, 33, 145
Decimal	11936145
CIE Lab	42.88, 66.34, -25.66
CIE LCh	43, 71.130, 338.851
Yxy	13.0771, 0.3779, 0.1981
Android (android.graphics.Color)	4290126225 (0xFFB62191)
YUV	90.3190, 26.9577, 80.4042
Hunter-Lab	36.1623, 59.8518, -20.5896

Details

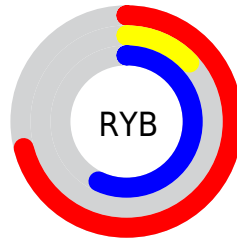
The Hex color **B62191** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21B646**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F161C7**, and **7D005E** is the 20% darker color. If you saturate the color by 10%, you get **B60F8C**, and if you desaturate by 10%, it is **B63396**.

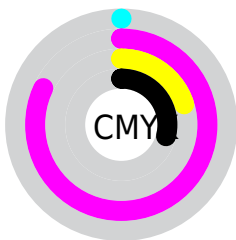
Distribution



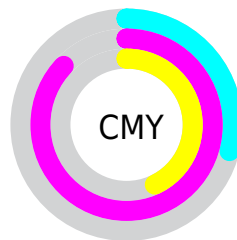
- Red (71%)
- Green (13%)
- Blue (57%)



- Red (71%)
- Yellow (13%)
- Blue (57%)



- Cyan (0%)
- Magenta (82%)
- Yellow (20%)
- Black (29%)



- Cyan (29%)
- Magenta (87%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color B62191 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 B62191 by changing the saturation by 10% instead.

 B62191

 B62191

FFFFFF

 990077

 F161C7

 7D005E

 FF7EE3

 610046

 FF9AFF

 460030

 FFB7FF

 2A001A

 FFD4FF

 000000

 FFF2FF

 B62191

 B62191

 B60F8C

 B63396

 B60089

 B6459A

 B6589F

 B66AA3

 B67CA8

 B68EAC

 B6A0B1

 B6B3B5

 B6C5BA

Harmonies

Analogous

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



794CC2



B62191



C90057

Triad

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



B62191



6C6900



007DAE

Complementary

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



B62191



21B646

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.



007E76



B62191



247500

Square

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



B62191



9C5200



007B38



0077D4

Rectangle

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



B62191



C52031



007B38



007E9D

Sweetspot

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



B62191



EDB2DE



4421B6



78546F



F7F7F7



787878

Same Dimension

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



B62191



ED05B3



B62149



5C535A



9C0075



1C0015

Inverse Universe

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



B62191



ED05B3



21B68E



5C535A



9C0075



1C0015

Previews

White Background



This preview shows how the Hex color B62191 looks on a white background.

Color Contrast Check

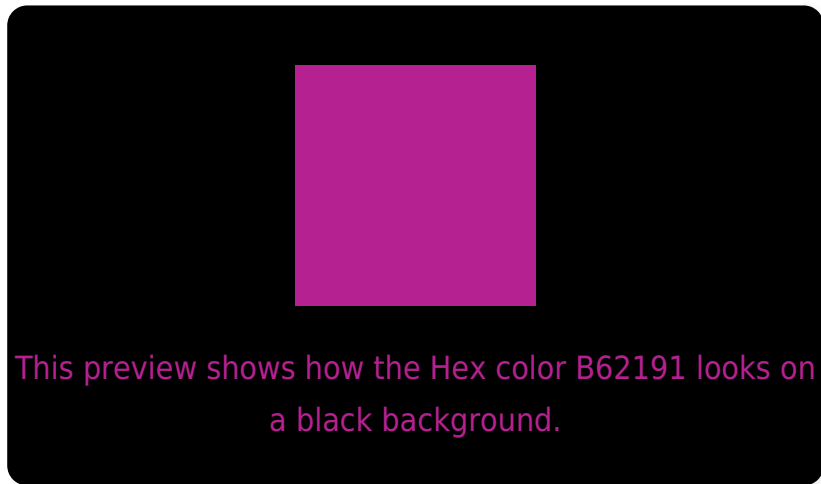
Large Text (above 18pt) WCAG AA ✓ Pass

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

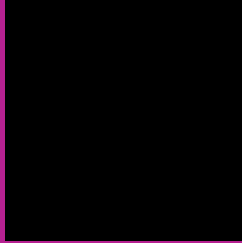
Any Text WCAG AA × Fail

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 B62191 Background



This preview shows how black text looks on a background with the Hex color B62191.

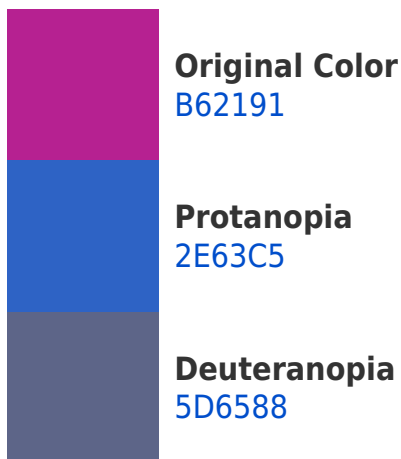



This preview shows how white text looks on a background with the Hex color B62191.

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
AF3F43

Trichromacy



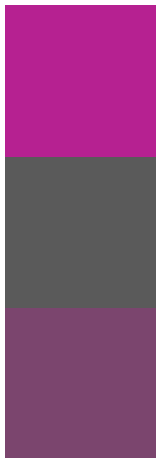
Original Color
B62191

Protanomaly
5F4BB2

Deuteranomaly
7D4C8B

Tritanomaly
B2345F

Monochromacy



Original Color
B62191

Achromatopsia
5A5A5A

Achromatomaly
7B456E

CSS Examples

Text

The CSS property to change the color of the text to Hex B62191 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 #B62191 looks like.

```
.text, #text, p{  
  color:#B62191  
}
```

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 #B62191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62191
}
```

Border

The CSS property to change the border of an element to Hex B62191 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
#B62191 }
```

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

```
.border{ border-color:#B62191 }
```

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

Here you see how a box with a 4 pixel #B62191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62191; -webkit-box-shadow:4px 4px  
4px 4px #B62191; box-shadow:4px 4px 4px  
4px #B62191 }
```

Background

The CSS property to change the background color of an element to Hex B62191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62191 }
```

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

```
.background{ background-color:#B62191 }
```

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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