

# Converting Colors

Hex(B6128E)

Have a look what the booklet for  
Hex(B6128E) contains.

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# Color

Hex(B6128E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6128E
RGB	182, 18, 142
RGB Percent	71%, 7%, 56%
CMY	0.2863, 0.9294, 0.4431
CMYK	0.00, 0.90, 0.22, 0.29
HSL	315°, 82%, 39%
HSV	315°, 90%, 71%
XYZ	24.3902, 12.3307, 26.6857
YIQ	81.1720, 57.9400, 73.3320

# Conversions

## Conversions Part 2

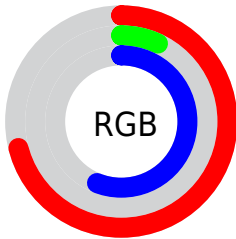
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 18, 142
Decimal	11932302
CIE <sub>Lab</sub>	41.74, 68.87, -25.61
CIE <sub>LCh</sub>	42, 73.476, 339.598
Yxy	12.3307, 0.3847, 0.1945
Android (android.graphics.Color)	4290122382 (0xFFB6128E)
YUV	81.1720, 29.9882, 88.4262
Hunter-Lab	35.1151, 62.5309, -20.4769

# Details

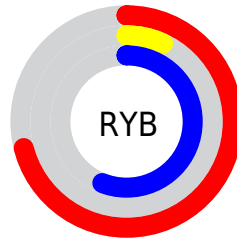
The Hex color **B6128E** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **12B63A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **F25AC4**, and **7C005B** is the 20% darker color. If you saturate the color by 10%, you get **B6008A**, and if you desaturate by 10%, it is **B62492**.

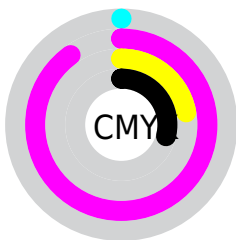
# Distribution



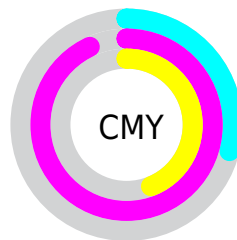
- Red (71%)
- Green (7%)
- Blue (56%)



- Red (71%)
- Yellow (7%)
- Blue (56%)



- Cyan (0%)
- Magenta (90%)
- Yellow (22%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6128E 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 B6128E by changing the saturation by 10% instead.



 B6128E

 B6128E

FFFFFF

 990074

 F25AC4

 7C005B

 FF77E0

 600044

 FF94FD

 46002D

 FFB1FF

 290018

 FFCEFF

 000000

 FFECFF

 B6128E

 B6128E

 B6008A

 B62492

 B63697

 B6499B

 B65BA0

 B66DA4

 B67FA9

 B691AD

 B6A4B2

 B6B6B6

# Harmonies

## Analogous

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



7847C1



B6128E



C90052

# Triad

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



B6128E



676600



007BAF

# Complementary

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



B6128E



12B63A

# 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.



007B75



B6128E



167300

# Square

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



B6128E



994F00



007935



0075D5

# Rectangle

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



B6128E



C3152B



007935



007B9D



# Sweetspot

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



B6128E



EDADDE



3812B6



78516E



F7F7F7



787878



# Same Dimension

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



B6128E



ED00B3



B6123E



5C535A



9C0076



1C0015



# Inverse Universe

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



B6128E



ED00B3



12B68A



5C535A



9C0076



1C0015



# Previews

## White Background



This preview shows how the Hex color B6128E looks on a white background.

## Color Contrast Check

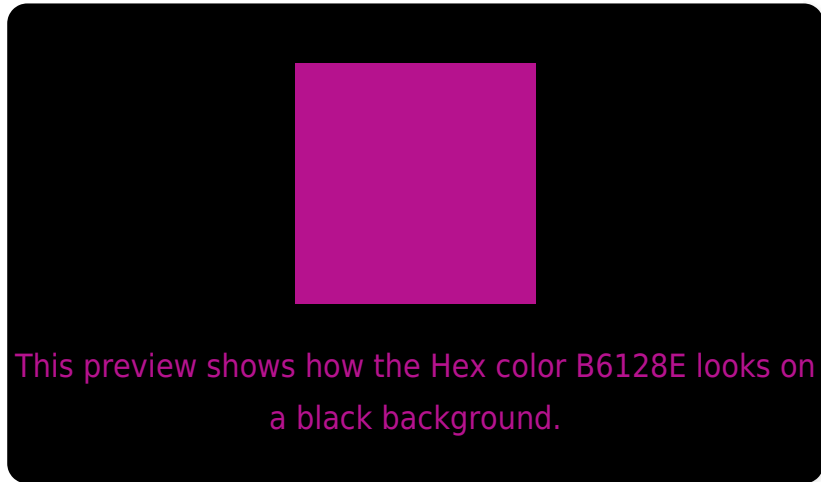
Large Text (above 18pt) WCAG AA ✓ Pass

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

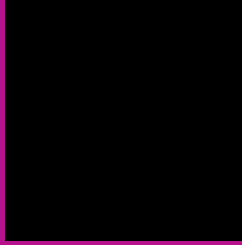
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6128E Background



This preview shows how black text looks on a background with the Hex color B6128E.

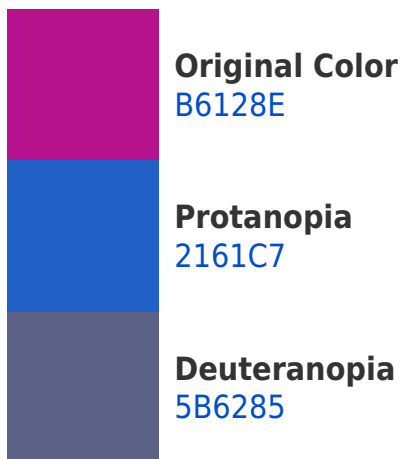


This preview shows how white text looks on a background with the Hex color B6128E.

# Color Blindness Simulation

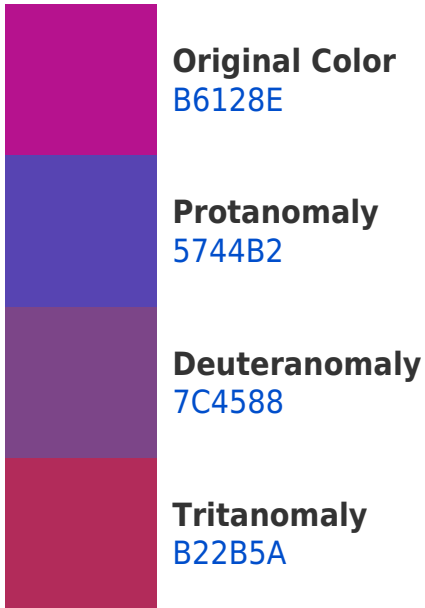
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

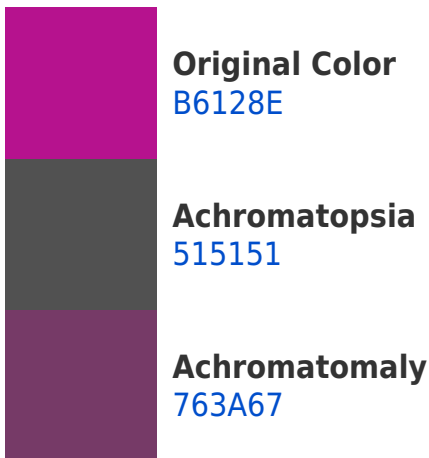




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6128E 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 #B6128E looks like.

```
.text, #text, p{  
    color:#B6128E  
}
```

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 #B6128E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6128E
}
```

## Border

The CSS property to change the border of an element to Hex B6128E is called "border". The border property can be set on classes, ids or directly on the HTML element.

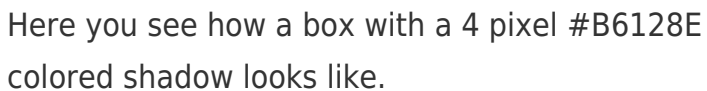
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6128E }
```

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

```
.border{ border-color:#B6128E }
```

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



Here you see how a box with a 4 pixel #B6128E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6128E; -webkit-box-shadow:4px 4px  
4px 4px #B6128E; box-shadow:4px 4px 4px  
4px #B6128E }
```

# Background

The CSS property to change the background color of an element to Hex B6128E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6128E }
```

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

```
.background{ background-color:#B6128E }
```

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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