

Converting Colors

Hex(B5728E)

Have a look what the booklet for
Hex(B5728E) contains.

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Color

Hex(B5728E)

Conversions

Conversions Part 1

Format	Color
Hex	B5728E
RGB	181, 114, 142
RGB Percent	71%, 45%, 56%
CMY	0.2902, 0.5529, 0.4431
CMYK	0.00, 0.37, 0.22, 0.29
HSL	335°, 31%, 58%
HSV	335°, 37%, 71%
XYZ	29.9559, 23.8114, 28.6084
YIQ	137.2250, 30.9440, 22.9120

Conversions

Conversions Part 2

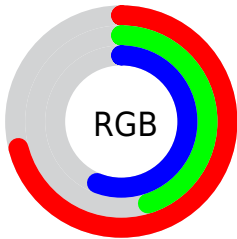
Format	Color
R_{YB}	181, 114, 142
Decimal	11891342
CIE _{Lab}	55.90, 30.36, -4.13
CIE _{LCh}	56, 30.639, 352.244
Yxy	23.8114, 0.3636, 0.2891
Android (android.graphics.Color)	4290081422 (0xFFB5728E)
YUV	137.2250, 2.3541, 38.3907
Hunter-Lab	48.7969, 24.1845, -0.6024

Details

The Hex color **B5728E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **72B599**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **EEA7C4**, and **7F405C** is the 20% darker color. If you saturate the color by 10%, you get **B56083**, and if you desaturate by 10%, it is **B58499**.

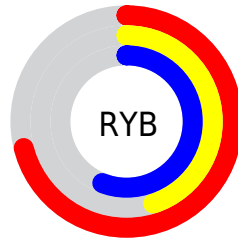
Distribution



Red (71%)

Green (45%)

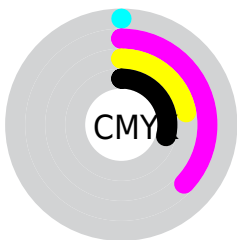
Blue (56%)



Red (71%)

Yellow (45%)

Blue (56%)

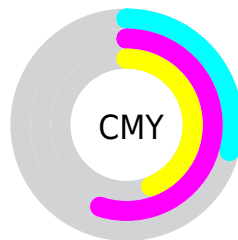


Cyan (0%)

Magenta (37%)

Yellow (22%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5728E 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 B5728E by changing the saturation by 10% instead.

 B5728E

 B5728E

FFFFFF

 995974

 EEA7C4

 7F405C

 FFC2E0

 642944

 FFDFFC

 4B102E

 FFFBFF

 33001A

 1A0001

 000000

 B5728E

 B5728E

 B56083

 B58499

 B54E79

 B596A3

 B53C6E

 B5A8AE

 B52A64

 B5BAB8

 B51759

 B5CDC3

 B5054F

 B5DFCD

 B5004C

 B5F1D8

 B5FFE2

 B5FFED

Harmonies

Analogous

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



A178A7



B5728E



BA7273

Triad

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



B5728E



838A54



2891AF

Complementary

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



B5728E



72B599

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.



219499



B5728E



659165

Square

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



B5728E



9E8251



43947E



548BBA

Rectangle

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



B5728E



B67663



43947E



1E92A9

Sweetspot

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



B5728E



EBD1DC



9872B5



75666C



F5F5F5



757575

Same Dimension

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



B5728E



EB83AF



B57672



595054



990040



1A000B

Inverse Universe

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



B5728E



EB83AF



72B1B5



595054



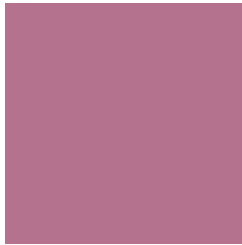
990040



1A000B

Previews

White Background



This preview shows how the Hex color B5728E looks on a white background.

Color Contrast Check

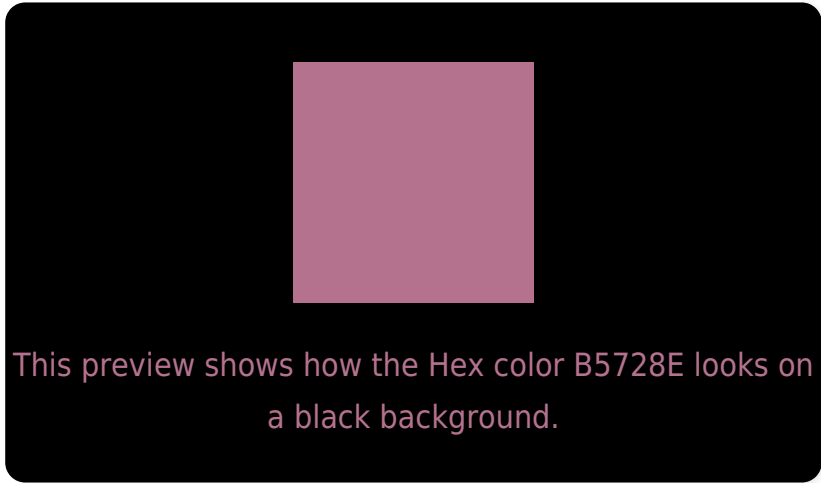
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

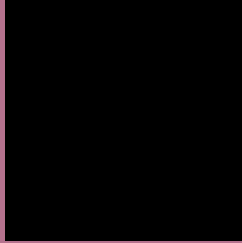
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B5728E Background



This preview shows how black text looks on a background with the Hex color B5728E.



This preview shows how white text looks on a background with the Hex color B5728E.

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](#).

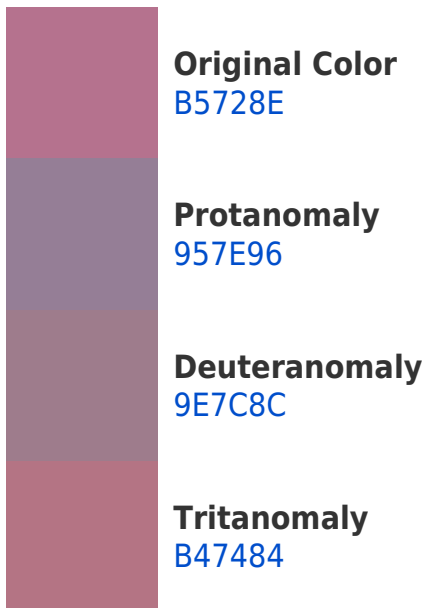
Dichromacy



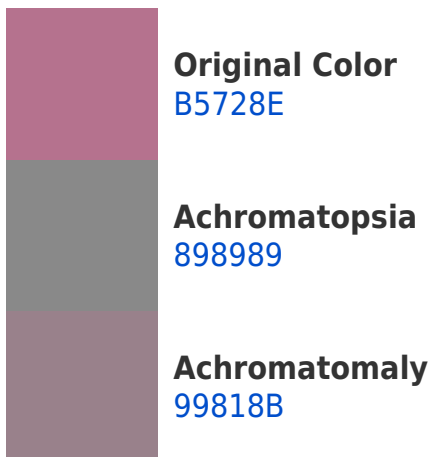


Tritanopia
B3757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5728E 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 #B5728E looks like.

```
.text, #text, p{  
    color:#B5728E  
}
```

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 #B5728E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5728E
}
```

Border

The CSS property to change the border of an element to Hex B5728E is called "border". The border property can be set on classes, ids or directly on the HTML element.

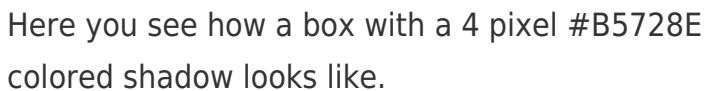
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5728E }
```

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

```
.border{ border-color:#B5728E }
```

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



Here you see how a box with a 4 pixel #B5728E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5728E; -webkit-box-shadow:4px 4px  
4px 4px #B5728E; box-shadow:4px 4px 4px  
4px #B5728E }
```

Background

The CSS property to change the background color of an element to Hex B5728E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5728E }
```

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

```
.background{ background-color:#B5728E }
```

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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