

Converting Colors

Hex(B1398A)

Have a look what the booklet for
Hex(B1398A) contains.

Hex(B1398A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1398A)

Conversions

Conversions Part 1

Format	Color
Hex	B1398A
RGB	177, 57, 138
RGB Percent	69%, 22%, 54%
CMY	0.3059, 0.7765, 0.4588
CMYK	0.00, 0.68, 0.22, 0.31
HSL	320°, 51%, 46%
HSV	320°, 68%, 69%
XYZ	24.1820, 14.1083, 25.4934
YIQ	102.1140, 45.5190, 50.6310

Conversions

Conversions Part 2

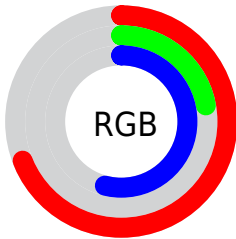
Format	Color
R_{YB}	177, 57, 138
Decimal	11614602
CIE _{Lab}	44.39, 56.53, -19.15
CIE _{LCh}	44, 59.690, 341.286
Yxy	14.1083, 0.3791, 0.2212
Android (android.graphics.Color)	4289804682 (0xFFB1398A)
YUV	102.1140, 17.6918, 65.6750
Hunter-Lab	37.5611, 49.1874, -13.9485

Details

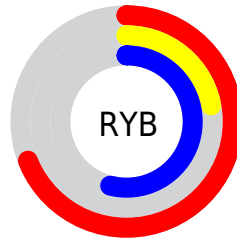
The Hex color **B1398A** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **39B160**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **EC71C0**, and **790058** is the 20% darker color. If you saturate the color by 10%, you get **B12784**, and if you desaturate by 10%, it is **B14B90**.

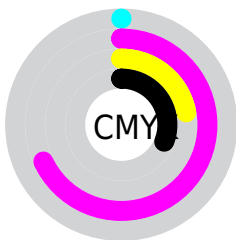
Distribution



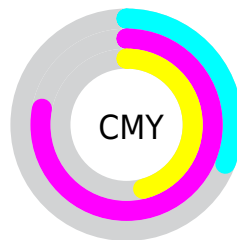
- Red (69%)
- Green (22%)
- Blue (54%)



- Red (69%)
- Yellow (22%)
- Blue (54%)



- Cyan (0%)
- Magenta (68%)
- Yellow (22%)
- Black (31%)




- Cyan (31%)
- Magenta (78%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1398A 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 B1398A by changing the saturation by 10% instead.

 B1398A

 B1398A

FFFFFF

 951870

 EC71C0

 790058

 FF8CDB

 5D0040

 FFA8F8


 43002A


 FFC5FF

 290015

 FFE2FF

 000000

 B1398A

 B1398A

 B12784

 B14B90

 B1167E

 B15C96

 B10479

 B16E9B

 B10077

 B180A1

 B192A7

 B1A3AD

 B1B5B2

 B1C7B8

 B1D8BE

Harmonies

Analogous

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



8252B4



B1398A



C03158

Triad

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



B1398A



6E6D00



007EAA

Complementary

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



B1398A



39B160

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.



007F7B



B1398A



347811

Square

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



B1398A



985B00



007D47



0077C7

Rectangle

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



B1398A



BC3C39



007D47



007F9B

Sweetspot

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



B1398A



E6B8D7



5F39B1



73576A



F2F2F2



737373

Same Dimension

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



B1398A



E62CA9



B1394F



595056



990067



1A0011

Inverse Universe

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



B1398A



E62CA9



39B19B



595056



990067



1A0011

Previews

White Background



This preview shows how the Hex color B1398A looks on a white background.

Color Contrast Check

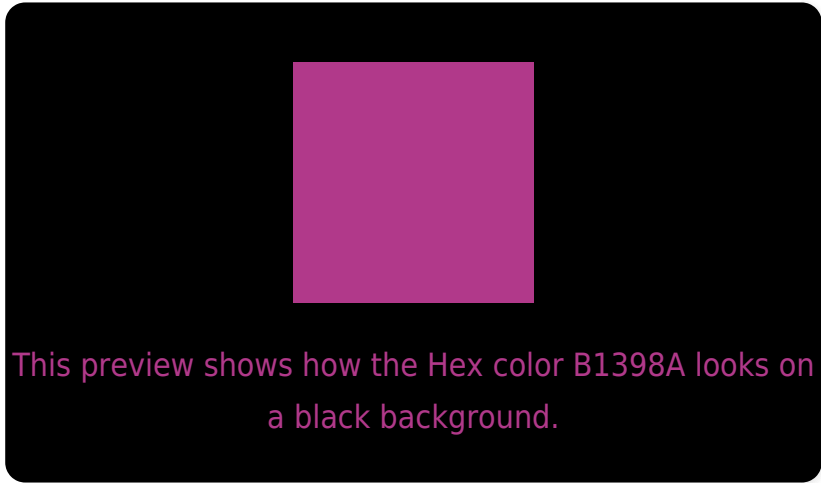
Large Text (above 18pt) WCAG AA ✓ Pass

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

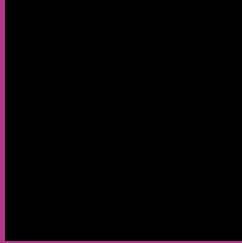
Any Text WCAG AA × Fail

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 B1398A Background



This preview shows how black text looks on a background with the Hex color B1398A.



This preview shows how white text looks on a background with the Hex color B1398A.

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



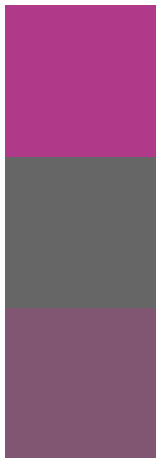
Original Color
B1398A

Protanomaly
7156A1

Deuteranomaly
825786

Tritanomaly
AE4364

Monochromacy



Original Color
B1398A

Achromatopsia
666666

Achromatomaly
815673

CSS Examples

Text

The CSS property to change the color of the text to Hex B1398A 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 #B1398A looks like.

```
.text, #text, p{  
    color:#B1398A  
}
```

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 #B1398A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1398A
}
```

Border

The CSS property to change the border of an element to Hex B1398A 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
#B1398A }
```

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

```
.border{ border-color:#B1398A }
```

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

Here you see how a box with a 4 pixel #B1398A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1398A; -webkit-box-shadow:4px 4px  
4px 4px #B1398A; box-shadow:4px 4px 4px  
4px #B1398A }
```

Background

The CSS property to change the background color of an element to Hex B1398A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1398A }
```

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

```
.background{ background-color:#B1398A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor