

Converting Colors

Hex(BE1D83)

Have a look what the booklet for
Hex(BE1D83) contains.

Hex(BE1D83)	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(BE1D83)

Conversions

Conversions Part 1

Format	Color
Hex	BE1D83
RGB	190, 29, 131
RGB Percent	75%, 11%, 51%
CMY	0.2549, 0.8863, 0.4863
CMYK	0.00, 0.85, 0.31, 0.25
HSL	322°, 74%, 43%
HSV	322°, 85%, 75%
XYZ	25.7713, 13.4646, 22.7134
YIQ	88.7670, 63.2140, 65.8540

Conversions

Conversions Part 2

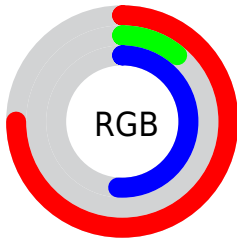
Format	Color
R_{YB}	190, 29, 131
Decimal	12459395
CIE _{Lab}	43.46, 67.35, -16.11
CIE _{LCh}	43, 69.248, 346.551
Yxy	13.4646, 0.4160, 0.2173
Android (android.graphics.Color)	4290649475 (0xFFBE1D83)
YUV	88.7670, 20.8209, 88.7813
Hunter-Lab	36.6941, 61.1509, -11.0142

Details

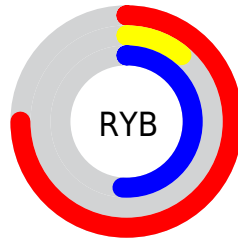
The Hex color **BE1D83** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **1DBE58**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FA60B8**, and **830051** is the 20% darker color. If you saturate the color by 10%, you get **BE0A7C**, and if you desaturate by 10%, it is **BE308A**.

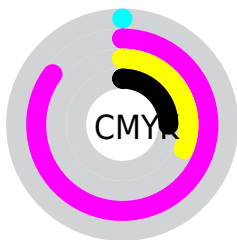
Distribution



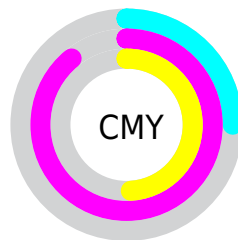
- Red (75%)
- Green (11%)
- Blue (51%)



- Red (75%)
- Yellow (11%)
- Blue (51%)



- Cyan (0%)
- Magenta (85%)
- Yellow (31%)
- Black (25%)



- Cyan (25%)
- Magenta (89%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE1D83 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 BE1D83 by changing the saturation by 10% instead.

 BE1D83

 BE1D83

FFFFFF

 A1006A

 FA60B8

 830051

 FF7DD4

 67003A

 FF99F0

 4B0025

 FFB6FF

 30000D

 FFD4FF

 000000

 FFF1FF

 BE1D83

 BE1D83

 BE0A7C

 BE308A

■ BE0078

■ BE4391

■ BE5698

■ BE699F

■ BE7CA6

■ BE8FAD

■ BEA2B4

■ BEB5BB

■ BEC8C2

Harmonies

Analogous

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



8F45B7



BE1D83



C9174A

Triad

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



BE1D83



606E00



007DBA

Complementary

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



BE1D83



1DBE58

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.



007F86



BE1D83



007800

Square

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



BE1D83



925B00



007D4A



0075D8

Rectangle

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



BE1D83



C03125



007D4A



007EAA

Sweetspot

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



BE1D83



F7BAE1



551DBE



7D576F



FCFCFC



7D7D7D

Same Dimension

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



BE1D83



F7009D



BE1D35



5E555B



9E0064



1F0013

Inverse Universe

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



BE1D83



F7009D



1DBEA6



5E555B



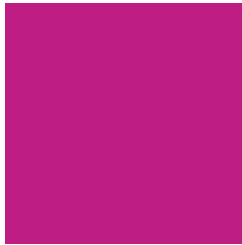
9E0064



1F0013

Previews

White Background



This preview shows how the Hex color BE1D83 looks on a white background.

Color Contrast Check

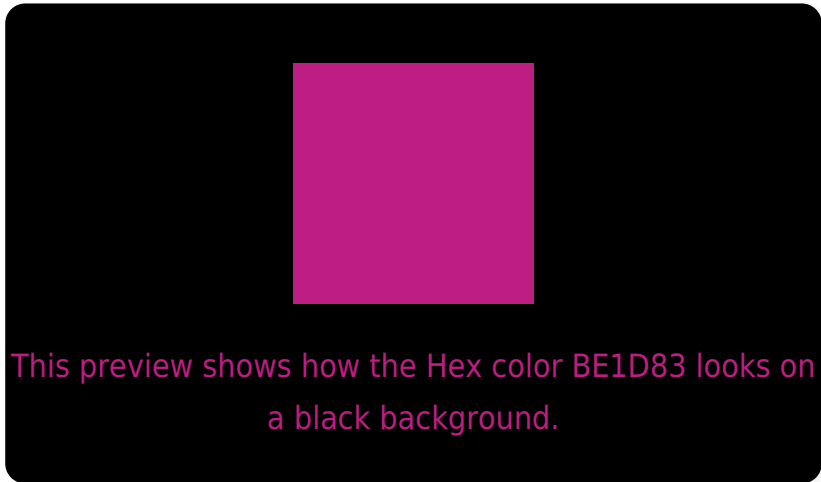
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE1D83 Background



This preview shows how black text looks on a background with the Hex color BE1D83.

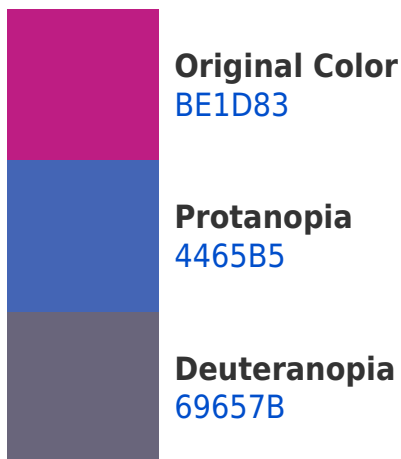



This preview shows how white text looks on a background with the Hex color BE1D83.

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
B9393C

Trichromacy



Original Color
BE1D83



Protanomaly
704BA3



Deuteranomaly
884B7E

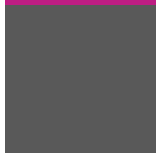


Tritanomaly
BB2F56

Monochromacy



Original Color
BE1D83



Achromatopsia
595959



Achromatomaly
7E4368

CSS Examples

Text

The CSS property to change the color of the text to Hex BE1D83 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 #BE1D83 looks like.

```
.text, #text, p{  
    color:#BE1D83  
}
```

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 #BE1D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE1D83
}
```

Border

The CSS property to change the border of an element to Hex BE1D83 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
#BE1D83 }
```

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

```
.border{ border-color:#BE1D83 }
```

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

Here you see how a box with a 4 pixel #BE1D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE1D83; -webkit-box-shadow:4px 4px  
4px 4px #BE1D83; box-shadow:4px 4px 4px  
4px #BE1D83 }
```

Background

The CSS property to change the background color of an element to Hex BE1D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE1D83 }
```

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

```
.background{ background-color:#BE1D83 }
```

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