

Converting Colors

Hex(B33783)

Have a look what the booklet for
Hex(B33783) contains.

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Color

Hex(B33783)

Conversions

Conversions Part 1

Format	Color
Hex	B33783
RGB	179, 55, 131
RGB Percent	70%, 22%, 51%
CMY	0.2980, 0.7843, 0.4863
CMYK	0.00, 0.69, 0.27, 0.30
HSL	323°, 53%, 46%
HSV	323°, 69%, 70%
XYZ	24.0533, 13.9548, 22.8985
YIQ	100.7400, 49.5080, 49.9240

Conversions

Conversions Part 2

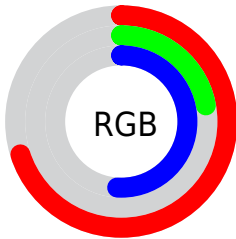
Format	Color
R_{YB}	179, 55, 131
Decimal	11745155
CIE _{Lab}	44.17, 56.92, -15.20
CIE _{LCh}	44, 58.913, 345.050
Yxy	13.9548, 0.3949, 0.2291
Android (android.graphics.Color)	4289935235 (0xFFB33783)
YUV	100.7400, 14.9182, 68.6340
Hunter-Lab	37.3561, 49.5617, -10.1943

Details

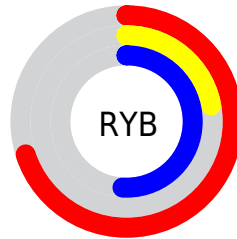
The Hex color **B33783** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **37B367**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **EE6FB8**, and **7A0052** is the 20% darker color. If you saturate the color by 10%, you get **B3257C**, and if you desaturate by 10%, it is **B3498A**.

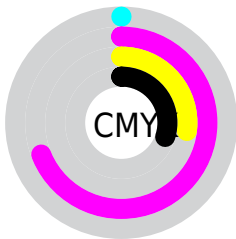
Distribution



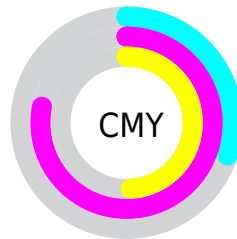
- Red (70%)
- Green (22%)
- Blue (51%)



- Red (70%)
- Yellow (22%)
- Blue (51%)



- Cyan (0%)
- Magenta (69%)
- Yellow (27%)
- Black (30%)



- Cyan (30%)
- Magenta (78%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33783 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 B33783 by changing the saturation by 10% instead.

 B33783

 B33783

FFFFFF

 96156A

 EE6FB8

 7A0052

 FF8BD4

 5F003A

 FFA7F0

 440025

 FFC3FF

 2A000E

 FFE0FF

 000000

FFFEFF

 B33783

 B33783

 B3257C

 B3498A

 B31375

 B35B91

 B3016E

 B36D98

 B3006E

 B37F9F

 B391A6

 B3A2AD

 B3B4B4

 B3C6BA

 B3D8C1

Harmonies

Analogous

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



894FAE



B33783



BE3352

Triad

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



B33783



676E00



007CAD

Complementary

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



B33783



37B367

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.



007E81



B33783



2A781A

Square

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



B33783



925D00



007D4D



0075C7

Rectangle

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



B33783



B83F33



007D4D



007EA0

Sweetspot

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



B33783



E8B7D5



6737B3



75586A



F5F5F5



757575

Same Dimension

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



B33783



E8279D



B33745



595056



99005E



1A0010

Inverse Universe

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



B33783



E8279D



37B3A5



595056



99005E



1A0010

Previews

White Background



This preview shows how the Hex color B33783 looks on a white background.

Color Contrast Check

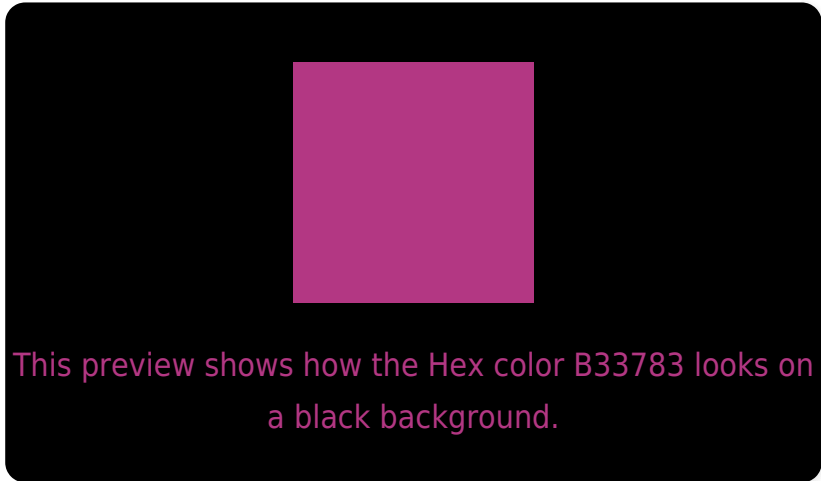
Large Text (above 18pt) WCAG AA ✓ Pass

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

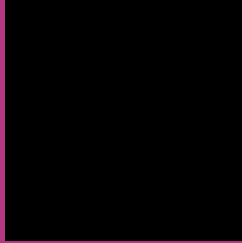
Any Text WCAG AA × Fail

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 B33783 Background



This preview shows how black text looks on a background with the Hex color B33783.

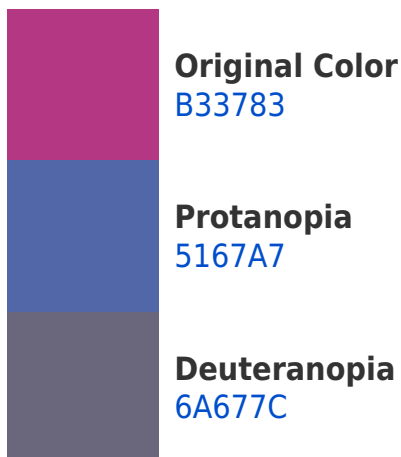


This preview shows how white text looks on a background with the Hex color B33783.

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
AE464B

Trichromacy



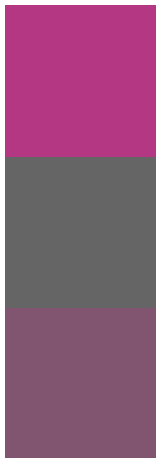
Original Color
B33783

Protanomaly
75569A

Deuteranomaly
85567F

Tritanomaly
B0415F

Monochromacy



Original Color
B33783

Achromatopsia
656565

Achromatomaly
815470

CSS Examples

Text

The CSS property to change the color of the text to Hex B33783 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 #B33783 looks like.

```
.text, #text, p{  
    color:#B33783  
}
```

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 #B33783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33783
}
```

Border

The CSS property to change the border of an element to Hex B33783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

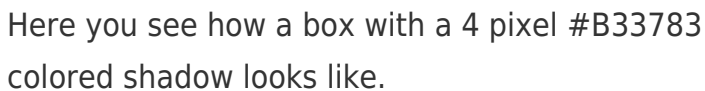
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33783 }
```

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

```
.border{ border-color:#B33783 }
```

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



Here you see how a box with a 4 pixel #B33783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33783; -webkit-box-shadow:4px 4px  
4px 4px #B33783; box-shadow:4px 4px 4px  
4px #B33783 }
```

Background

The CSS property to change the background color of an element to Hex B33783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33783 }
```

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

```
.background{ background-color:#B33783 }
```

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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