

Converting Colors

Hex(B33794)

Have a look what the booklet for
Hex(B33794) contains.

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Color

Hex(B33794)

Conversions

Conversions Part 1

Format	Color
Hex	B33794
RGB	179, 55, 148
RGB Percent	70%, 22%, 58%
CMY	0.2980, 0.7843, 0.4196
CMYK	0.00, 0.69, 0.17, 0.30
HSL	315°, 53%, 46%
HSV	315°, 69%, 70%
XYZ	25.3019, 14.4542, 29.4734
YIQ	102.6780, 44.0510, 55.2110

Conversions

Conversions Part 2

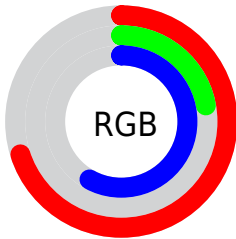
Format	Color
R_{YB}	179, 55, 148
Decimal	11745172
CIE _{Lab}	44.88, 59.24, -24.41
CIE _{LCh}	45, 64.075, 337.602
Yxy	14.4542, 0.3655, 0.2088
Android (android.graphics.Color)	4289935252 (0xFFB33794)
YUV	102.6780, 22.3437, 66.9344
Hunter-Lab	38.0187, 52.2612, -19.3505

Details

The Hex color **B33794** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **37B356**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **EE70CA**, and **7A0061** is the 20% darker color. If you saturate the color by 10%, you get **B32590**, and if you desaturate by 10%, it is **B34998**.

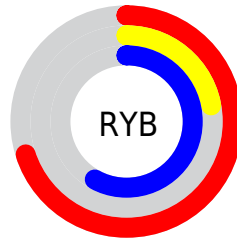
Distribution



Red (70%)

Green (22%)

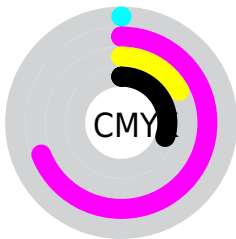
Blue (58%)



Red (70%)

Yellow (22%)

Blue (58%)

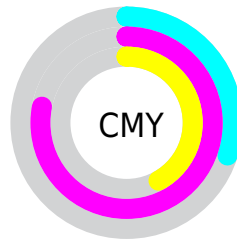


Cyan (0%)

Magenta (69%)

Yellow (17%)

Black (30%)



Cyan (30%)

Magenta (78%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33794 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 B33794 by changing the saturation by 10% instead.

 B33794

 B33794

FFFFFF

 96147A

 EE70CA

 7A0061

 FF8BE7

 5F0049

 FFA8FF

 440032

 FFC4FF

 2B001D

 FFE1FF

 000000

 B33794

 B33794

 B32590

 B34998

 B3138B

 B35B9D

 B30187

 B36DA1

 B30086

 B37FA6

 B391AA

 B3A2AF

 B3B4B3

 B3C6B8

 B3D8BC

Harmonies

Analogous

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



7B55C0



B33794



C7285F

Triad

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



B33794



756C00



0081AB

Complementary

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



B33794



37B356

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.



008277



B33794



397900

Square

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



B33794



A05800



007F3F



007BCD

Rectangle

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



B33794



C4343C



007F3F



00819A

Sweetspot

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



B33794



E8B7DC



5637B3



75586E



F5F5F5



757575

Same Dimension

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



B33794



E827B8



B33756



595057



990073



1A0013

Inverse Universe

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



B33794



E827B8



37B394



595057



990073



1A0013

Previews

White Background



This preview shows how the Hex color B33794 looks on a white background.

Color Contrast Check

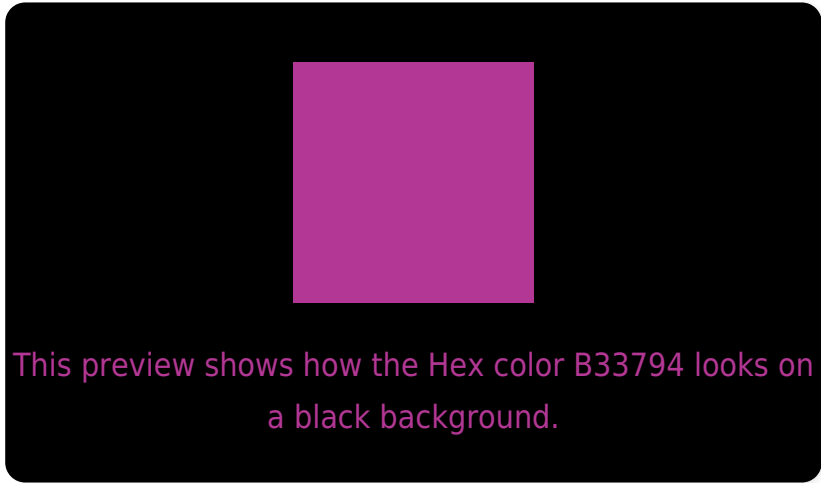
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33794 Background



This preview shows how black text looks on a background with the Hex color B33794.



This preview shows how white text looks on a background with the Hex color B33794.

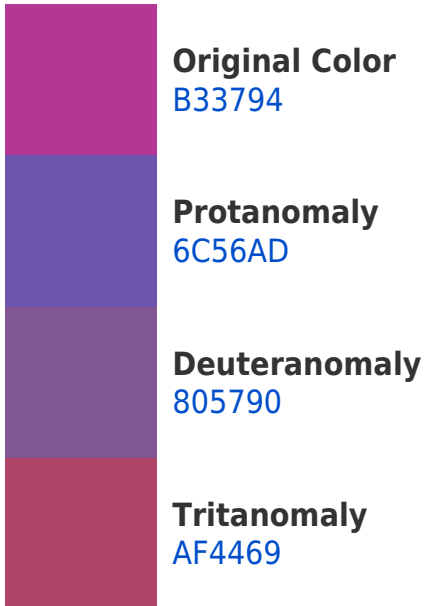
Color Blindness Simulation

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 B33794 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 #B33794 looks like.

```
.text, #text, p{  
    color:#B33794  
}
```

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 #B33794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33794
}
```

Border

The CSS property to change the border of an element to Hex B33794 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
#B33794 }
```

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

```
.border{ border-color:#B33794 }
```

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

Here you see how a box with a 4 pixel #B33794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33794; -webkit-box-shadow:4px 4px  
4px 4px #B33794; box-shadow:4px 4px 4px  
4px #B33794 }
```

Background

The CSS property to change the background color of an element to Hex B33794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33794 }
```

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

```
.background{ background-color:#B33794 }
```

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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