

Converting Colors

Hex(B33363)

Have a look what the booklet for
Hex(B33363) contains.

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Color

Hex(B33363)

Conversions

Conversions Part 1

Format	Color
Hex	B33363
RGB	179, 51, 99
RGB Percent	70%, 20%, 39%
CMY	0.2980, 0.8000, 0.6118
CMYK	0.00, 0.72, 0.45, 0.30
HSL	338°, 56%, 45%
HSV	338°, 72%, 70%
XYZ	22.0264, 12.8522, 13.1242
YIQ	94.7440, 60.8800, 42.0640

Conversions

Conversions Part 2

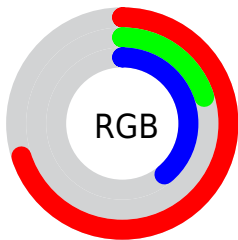
Format	Color
R_{YB}	179, 51, 99
Decimal	11744099
CIE Lab	42.54, 54.79, 2.14
CIE LCh	43, 54.833, 2.232
Yxy	12.8522, 0.4589, 0.2677
Android (android.graphics.Color)	4289934179 (0xFFB33363)
YUV	94.7440, 2.0982, 73.8925
Hunter-Lab	35.8500, 46.9336, 3.3897

Details

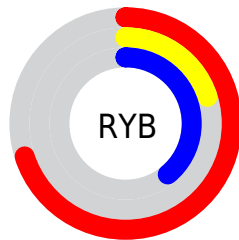
The Hex color **B33363** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **33B383**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **EF6B96**, and **790035** is the 20% darker color. If you saturate the color by 10%, you get **B32158**, and if you desaturate by 10%, it is **B3456E**.

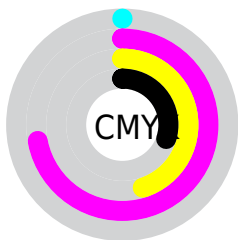
Distribution



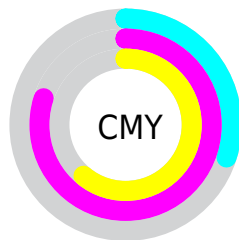
- Red (70%)
- Green (20%)
- Blue (39%)



- Red (70%)
- Yellow (20%)
- Blue (39%)



- Cyan (0%)
- Magenta (72%)
- Yellow (45%)
- Black (30%)



- Cyan (30%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33363 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 B33363 by changing the saturation by 10% instead.

 B33363

 B33363

FFFFFF

 960F4B

 EF6B96

 790035

 FF87B0

 5D0020

 FFA3CC

 420007

 FFBFE8

 240001

 FFDCFF

 000000

 FFF9FF

 B33363

 B33363

 B32158

 B3456E

 B30F4D

 B35779

 B30043

 B36985

 B37B90

 B38D9B

 B39EA6

 B3B0B1

 B3C2BC

 B3D4C8

Harmonies

Analogous

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



9D408F



B33363



B03D37

Triad

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



B33363



486F06



0074B4

Complementary

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



B33363



33B383

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.



007894



B33363



007638

Square

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



B33363



766400



007967



0069BF

Rectangle

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



B33363



A34B1B



007967



0076AC

Sweetspot

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



B33363



E8B7CA



8233B3



755863



F5F5F5



757575

Same Dimension

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



B33363



E8206B



B34233



595054



990039



1A000A

Inverse Universe

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



B33363



E8206B



33A4B3



595054



990039



1A000A

Previews

White Background



This preview shows how the Hex color B33363 looks on a white background.

Color Contrast Check

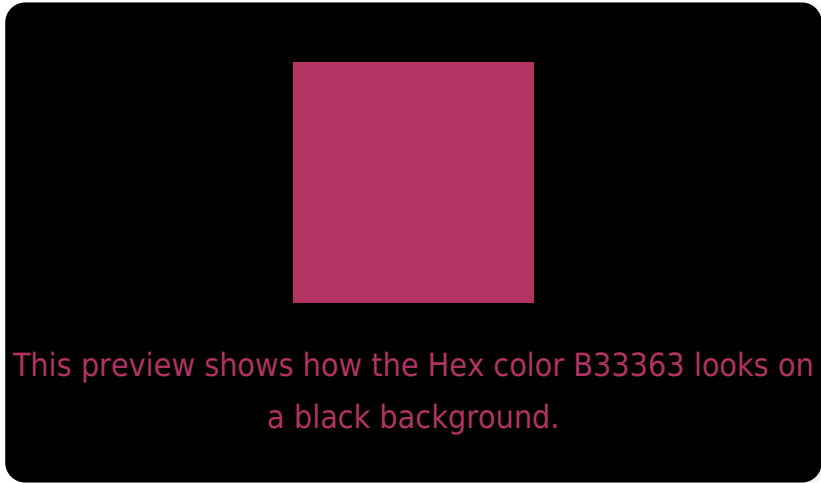
Large Text (above 18pt) WCAG AA ✓ Pass

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

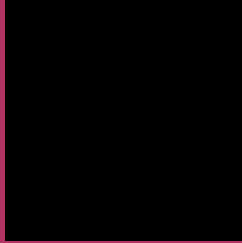
Any Text WCAG AA × Fail

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 B33363 Background



This preview shows how black text looks on a background with the Hex color B33363.



This preview shows how white text looks on a background with the Hex color B33363.

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

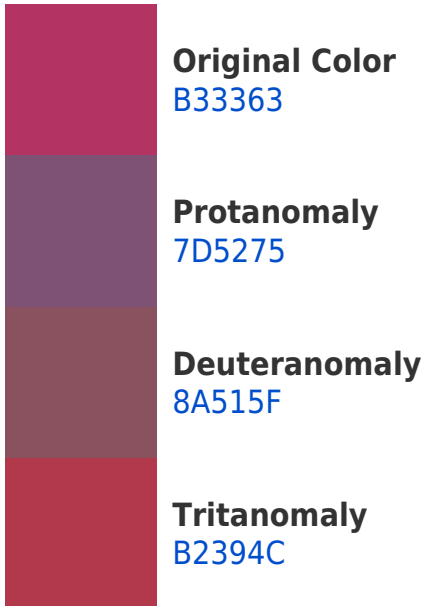


Original Color
B33363

Protanopia
5E6480

Deuteranopia
72625D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B33363 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 #B33363 looks like.

```
.text, #text, p{  
    color:#B33363  
}
```

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 #B33363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33363
}
```

Border

The CSS property to change the border of an element to Hex B33363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

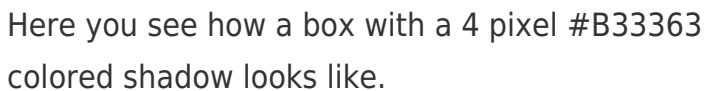
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33363 }
```

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

```
.border{ border-color:#B33363 }
```

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



Here you see how a box with a 4 pixel #B33363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33363; -webkit-box-shadow:4px 4px  
4px 4px #B33363; box-shadow:4px 4px 4px  
4px #B33363 }
```

Background

The CSS property to change the background color of an element to Hex B33363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33363 }
```

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

```
.background{ background-color:#B33363 }
```

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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