

Converting Colors

Hex(233B98)

Have a look what the booklet for
Hex(233B98) contains.

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Color

Hex(233B98)

Conversions

Conversions Part 1

Format	Color
Hex	233B98
RGB	35, 59, 152
RGB Percent	14%, 23%, 60%
CMY	0.8627, 0.7686, 0.4039
CMYK	0.77, 0.61, 0.00, 0.40
HSL	228°, 63%, 37%
HSV	228°, 77%, 60%
XYZ	7.9246, 5.7523, 30.3984
YIQ	62.4260, -44.1570, 23.8350

Conversions

Conversions Part 2

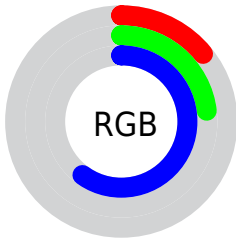
Format	Color
R_{YB}	35, 55, 152
Decimal	2309016
CIE _{Lab}	28.78, 25.42, -53.51
CIE _{LCh}	29, 59.242, 295.410
Yxy	5.7523, 0.1798, 0.1305
Android (android.graphics.Color)	4280499096 (0xFF233B98)
YUV	62.4260, 44.1600, -24.0526
Hunter-Lab	23.9839, 17.0071, -58.3585

Details

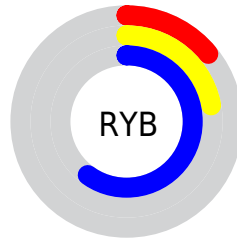
The Hex color **233B98** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **988023**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **626ACF**, and **001364** is the 20% darker color. If you saturate the color by 10%, you get **142F98**, and if you desaturate by 10%, it is **324798**.

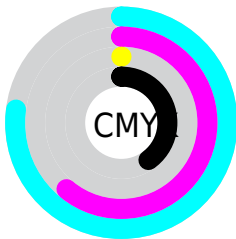
Distribution



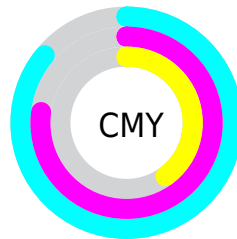
- Red (14%)
- Green (23%)
- Blue (60%)



- Red (14%)
- Yellow (22%)
- Blue (60%)



- Cyan (77%)
- Magenta (61%)
- Yellow (0%)
- Black (40%)



- Cyan (86%)
- Magenta (77%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233B98 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 233B98 by changing the saturation by 10% instead.

■ 233B98

■ 233B98

FFFFFF

■ 00267E

■ 626ACF

■ 001364

■ 7F83EC

■ 00004B

■ 9C9DFF

■ 000434

■ B9B8FF

■ 00021E

■ D6D4FF

■ 000000

■ F3F0FF

■ 233B98

■ 233B98

■ 142F98

■ 324798

■ 052398

■ 415398

■ 001F98

■ 515F98

■ 606B98

■ 6F7798

■ 7E8398

■ 8D9098

■ 9D9C98

■ ACA898

Harmonies

Analogous

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



004CA1



233B98



721C79

Triad

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



233B98



7B2900



00563B

Complementary

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



233B98



988023

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.



005305



233B98



5A4000

Square

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



233B98



8E0020



2E4C00



00566A

Rectangle

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



233B98



88005C



2E4C00



00552B

Sweetspot

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



233B98



97A0C4



23987F



484D63



E3E3E3



636363

Same Dimension

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



233B98



1035C4



442398



45464D



001D8C



00030D

Inverse Universe

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



98233B



C41035



779823



4D4546



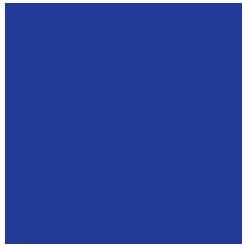
8C001D



0D0003

Previews

White Background



This preview shows how the Hex color 233B98 looks on a white background.

Color Contrast Check

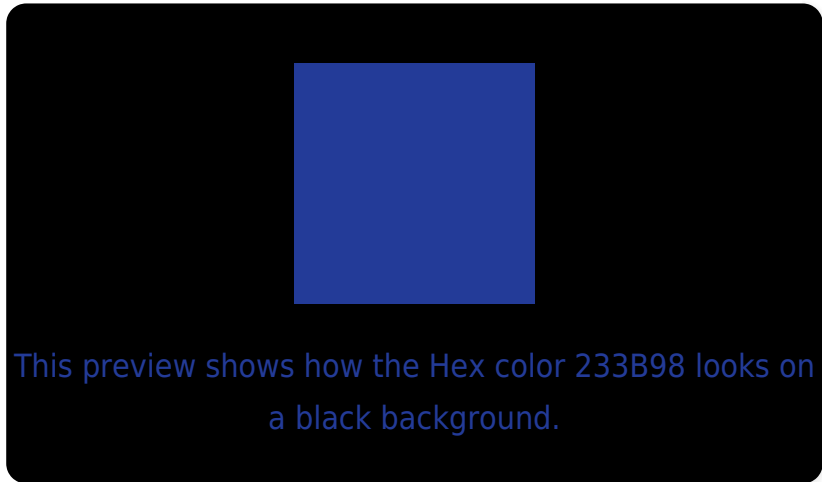
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

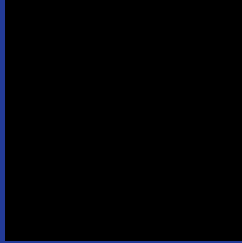
Any Text WCAG AA × Fail

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 233B98 Background



This preview shows how black text looks on a background with the Hex color 233B98.

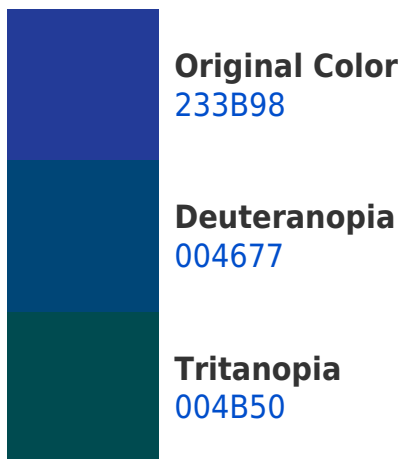


This preview shows how white text looks on a background with the Hex color 233B98.

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
233B98

Deuteranomaly
0D4283

Tritanomaly
0D456A

Monochromacy



Original Color
233B98

Achromatopsia
3E3E3E

Achromatomaly
343D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 233B98 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 #233B98 looks like.

```
.text, #text, p{  
    color:#233B98  
}
```

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 #233B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233B98
}
```

Border

The CSS property to change the border of an element to Hex 233B98 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
#233B98 }
```

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

```
.border{ border-color:#233B98 }
```

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

Here you see how a box with a 4 pixel #233B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233B98; -webkit-box-shadow:4px 4px  
4px 4px #233B98; box-shadow:4px 4px 4px  
4px #233B98 }
```

Background

The CSS property to change the background color of an element to Hex 233B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233B98 }
```

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

```
.background{ background-color:#233B98 }
```

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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