

Converting Colors

Hex(C33698)

Have a look what the booklet for
Hex(C33698) contains.

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Color

Hex(C33698)

Conversions

Conversions Part 1

Format	Color
Hex	C33698
RGB	195, 54, 152
RGB Percent	76%, 21%, 60%
CMY	0.2353, 0.7882, 0.4039
CMYK	0.00, 0.72, 0.22, 0.24
HSL	318°, 57%, 49%
HSV	318°, 72%, 76%
XYZ	29.4923, 16.5074, 31.3376
YIQ	107.3310, 52.5780, 60.3700

Conversions

Conversions Part 2

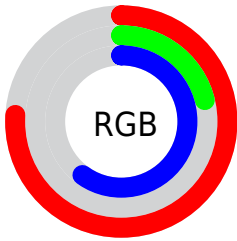
Format	Color
R_{YB}	195, 54, 152
Decimal	12793496
CIE _{Lab}	47.63, 64.22, -22.34
CIE _{LCh}	48, 67.993, 340.822
Yxy	16.5074, 0.3813, 0.2134
Android (android.graphics.Color)	4290983576 (0xFFC33698)
YUV	107.3310, 22.0218, 76.8857
Hunter-Lab	40.6293, 58.4696, -17.2901

Details

The Hex color **C33698** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **36C361**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF71CE**, and **890065** is the 20% darker color. If you saturate the color by 10%, you get **C32392**, and if you desaturate by 10%, it is **C34A9E**.

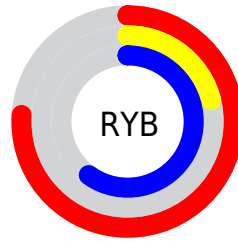
Distribution



Red (76%)

Green (21%)

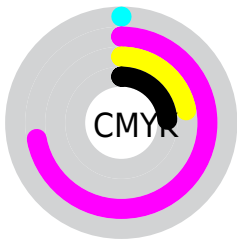
Blue (60%)



Red (76%)

Yellow (21%)

Blue (60%)

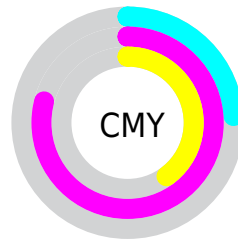


Cyan (0%)

Magenta (72%)

Yellow (22%)

Black (24%)



Cyan (24%)

Magenta (79%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color C33698 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 C33698 by changing the saturation by 10% instead.

 C33698

 C33698

FFFFFF

 A60D7E

 FF71CE

 890065

 FF8DEB

 6D004D

 FFAAFF

 510036

 FFC7FF

 380020

 FFE4FF

 160003

 000000

 C33698

 C33698

 C32392

 C34A9E

 C30F8C

 C35DA4

 C30088

 C370AA

 C384B0

 C398B6

 C3ABBC

 C3BEC2

 C3D2C8

 C3E6CE

Harmonies

Analogous

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



8B57C9



C33698



D5295F

Triad

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



C33698



767500



0089BB

Complementary

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



C33698



36C361

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.



008A85



C33698



328100

Square

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



C33698



A66000



008849



0082DE

Rectangle

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



C33698



CF393A



008849



008AAB

Sweetspot

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



C33698



FCC5EC



6036C3



805E75



000000



808080

Same Dimension

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



C33698



FC21B9



C33652



61575E



A10070



210017

Inverse Universe

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



C33698



FC21B9



36C3A7



61575E



A10070



210017

Previews

White Background



This preview shows how the Hex color C33698 looks on a white background.

Color Contrast Check

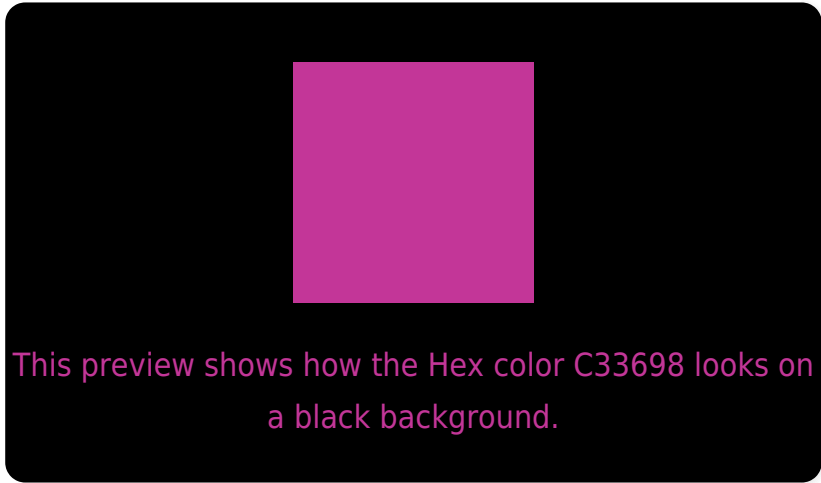
Large Text (above 18pt) WCAG AA ✓ Pass

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 C33698 Background



This preview shows how black text looks on a background with the Hex color C33698.




This preview shows how white text looks on a background with the Hex color C33698.

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



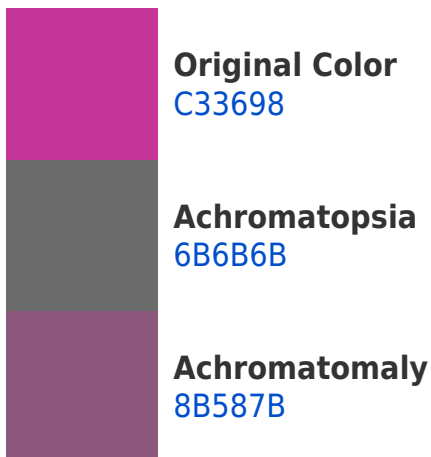


Tritanopia
BD4C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C33698 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 #C33698 looks like.

```
.text, #text, p{  
    color:#C33698  
}
```

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 #C33698 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33698  
}
```

Border

The CSS property to change the border of an element to Hex C33698 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  
#C33698 }
```

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

```
.border{ border-color:#C33698 }
```

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

Here you see how a box with a 4 pixel #C33698 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33698; -webkit-box-shadow:4px 4px  
4px 4px #C33698; box-shadow:4px 4px 4px  
4px #C33698 }
```

Background

The CSS property to change the background color of an element to Hex C33698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33698 }
```

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

```
.background{ background-color:#C33698 }
```

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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