

Converting Colors

Hex(D33598)

Have a look what the booklet for
Hex(D33598) contains.

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Color

Hex(D33598)

Conversions

Conversions Part 1

Format	Color
Hex	D33598
RGB	211, 53, 152
RGB Percent	83%, 21%, 60%
CMY	0.1725, 0.7922, 0.4039
CMYK	0.00, 0.75, 0.28, 0.17
HSL	322°, 64%, 52%
HSV	322°, 75%, 83%
XYZ	33.8046, 18.6621, 31.5262
YIQ	111.5280, 62.3890, 64.2850

Conversions

Conversions Part 2

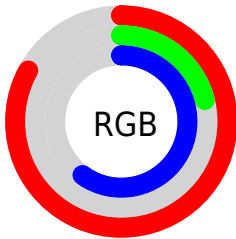
Format	Color
R_{YB}	211, 53, 152
Decimal	13841816
CIE _{Lab}	50.29, 68.52, -18.02
CIE _{LCh}	50, 70.854, 345.266
Yxy	18.6621, 0.4025, 0.2222
Android (android.graphics.Color)	4292031896 (0xFFD33598)
YUV	111.5280, 19.9527, 87.2369
Hunter-Lab	43.1996, 64.0804, -13.0289

Details

The Hex color **D33598** 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 **35D370**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF72CE**, and **980065** is the 20% darker color. If you saturate the color by 10%, you get **D32090**, and if you desaturate by 10%, it is **D34AA0**.

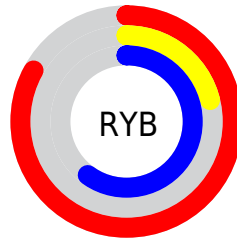
Distribution



Red (83%)

Green (21%)

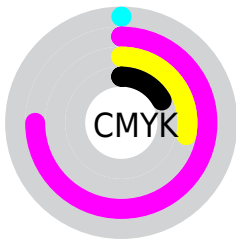
Blue (60%)



Red (83%)

Yellow (21%)

Blue (60%)

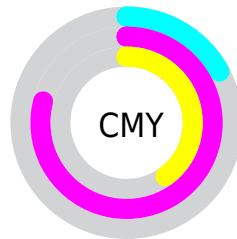


Cyan (0%)

Magenta (75%)

Yellow (28%)

Black (17%)



Cyan (17%)

Magenta (79%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33598 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 D33598 by changing the saturation by 10% instead.

 D33598

 D33598

FFFFFF

 B5037E

 FF72CE

 980065

 FF8FEB

 7B004D

 FFACFF

 5E0036

 FFC9FF

 450021

 FFE7FF

 270004

 000000

 D33598

 D33598

 D32090

 D34AA0

 D30B88

 D35FA8

 D30084

 D374B0

 D389B8

 D39FBF

 D3B4C7

 D3C9CF

 D3DED7

 D3F3DF

Harmonies

Analogous

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



9F57CE



D33598



E02F5C

Triad

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



D33598



747E00



0090CD

Complementary

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



D33598



35D370

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.



009296



D33598



228A12

Square

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



D33598



A96A00



009057



0087ED

Rectangle

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



D33598



D84135



009057



0091BC

Sweetspot

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



D33598



FFC7EA



6F35D3



805E73



000000



808080

Same Dimension

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



D33598



FF19A9



D3354A



695E65



A80069



29001A

Inverse Universe

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



D33598



FF19A9



35D3BE



695E65



A80069



29001A

Previews

White Background



This preview shows how the Hex color D33598 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D33598 Background



This preview shows how black text looks on a background with the Hex color D33598.



This preview shows how white text looks on a background with the Hex color D33598.

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



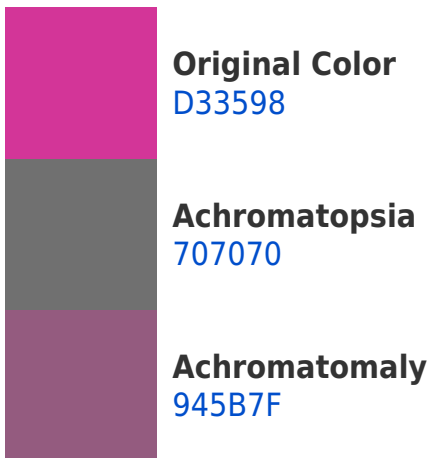


Tritanopia
CD4B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D33598 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 #D33598 looks like.

```
.text, #text, p{  
    color:#D33598  
}
```

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 #D33598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33598
}
```

Border

The CSS property to change the border of an element to Hex D33598 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
#D33598 }
```

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

```
.border{ border-color:#D33598 }
```

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

Here you see how a box with a 4 pixel #D33598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33598; -webkit-box-shadow:4px 4px  
4px 4px #D33598; box-shadow:4px 4px 4px  
4px #D33598 }
```

Background

The CSS property to change the background color of an element to Hex D33598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33598 }
```

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

```
.background{ background-color:#D33598 }
```

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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