

Converting Colors

Hex(09317D)

Have a look what the booklet for
Hex(09317D) contains.

Hex(09317D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(09317D)

Conversions

Conversions Part 1

Format	Color
Hex	09317D
RGB	9, 49, 125
RGB Percent	4%, 19%, 49%
CMY	0.9647, 0.8078, 0.5098
CMYK	0.93, 0.61, 0.00, 0.51
HSL	219°, 87%, 26%
HSV	219°, 93%, 49%
XYZ	4.9126, 3.7354, 19.8641
YIQ	45.7040, -48.2360, 15.1560

Conversions

Conversions Part 2

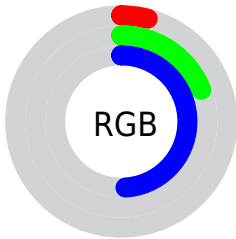
Format	Color
R_{YB}	9, 39, 125
Decimal	602493
CIE _{Lab}	22.78, 19.11, -46.58
CIE _{LCh}	23, 50.343, 292.308
Yxy	3.7354, 0.1723, 0.1310
Android (android.graphics.Color)	4278792573 (0xFF09317D)
YUV	45.7040, 39.0929, -32.1894
Hunter-Lab	19.3271, 11.5494, -47.4084

Details

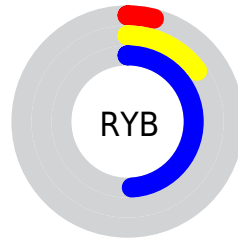
The Hex color **09317D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7D5509**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4F5FB2**, and **00044B** is the 20% darker color. If you saturate the color by 10%, you get **002B7D**, and if you desaturate by 10%, it is **15397D**.

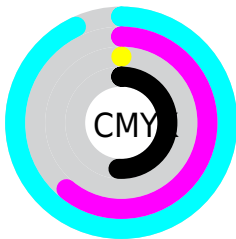
Distribution



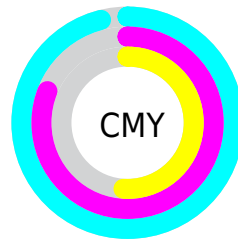
- Red (4%)
- Green (19%)
- Blue (49%)



- Red (4%)
- Yellow (15%)
- Blue (49%)



- Cyan (93%)
- Magenta (61%)
- Yellow (0%)
- Black (51%)



- Cyan (96%)
- Magenta (81%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09317D 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 09317D by changing the saturation by 10% instead.

■ 09317D

■ 09317D

FFFFFF

■ 001D64

■ 4F5FB2

■ 00044B

■ 6B77CE

■ 000434

■ 8791EB

■ 00021E

■ A4ABFF

■ 000000

■ C0C6FF

■ DDE2FF

■ FBFFFF

■ 09317D

■ 09317D

■ 002B7D

■ 15397D

■ 22417D

■ 2E4A7D

■ 3B527D

■ 475A7D

■ 54627D

■ 606A7D

■ 6D737D

■ 797B7D

Harmonies

Analogous

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



003E82



09317D



581965

Triad

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



09317D



661E00



00452B

Complementary

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



09317D



7D5509

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.



004200



09317D



4C3200

Square

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



09317D



74001D



293D00



004652

Rectangle

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



09317D



6C004E



293D00



00441E

Sweetspot

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



09317D



7685A3



097D54



363F52



D1D1D1



525252

Same Dimension

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



09317D



0038A3



1A097D



393C40



002C80



000000

Inverse Universe

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



7D0931



A30038



6C7D09



40393C



80002C



000000

Previews

White Background



This preview shows how the Hex color 09317D looks on a white background.

Color Contrast Check

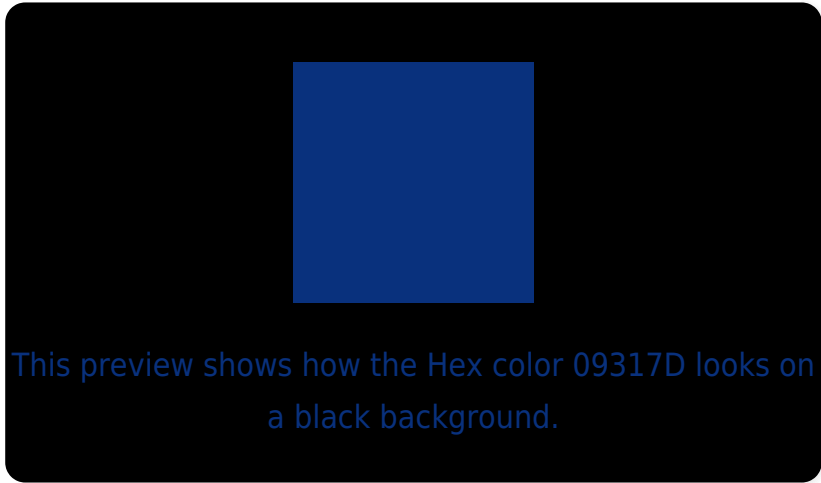
Large Text (above 18pt) WCAG AA ✓ Pass

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

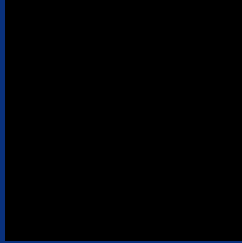
Any Text WCAG AA × Fail

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 09317D Background



This preview shows how black text looks on a background with the Hex color 09317D.



This preview shows how white text looks on a background with the Hex color 09317D.

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
09317D

Protanopia
003570

Deuteranopia
003860



Tritanopia
003D40

Trichromacy



Original Color
09317D

Protanomaly
033475

Deuteranomaly
03356B

Tritanomaly
033956

Monochromacy



Original Color
09317D

Achromatopsia
2E2E2E

Achromatomaly
212F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 09317D 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 #09317D looks like.

```
.text, #text, p{  
    color:#09317D  
}
```

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 #09317D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09317D
}
```

Border

The CSS property to change the border of an element to Hex 09317D 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
#09317D }
```

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

```
.border{ border-color:#09317D }
```

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

Here you see how a box with a 4 pixel #09317D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09317D; -webkit-box-shadow:4px 4px  
4px 4px #09317D; box-shadow:4px 4px 4px  
4px #09317D }
```

Background

The CSS property to change the background color of an element to Hex 09317D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09317D }
```

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

```
.background{ background-color:#09317D }
```

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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