

Converting Colors

Hex(17379A)

Have a look what the booklet for
Hex(17379A) contains.

Hex(17379A)	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(17379A)

Conversions

Conversions Part 1

Format	Color
Hex	17379A
RGB	23, 55, 154
RGB Percent	9%, 22%, 60%
CMY	0.9098, 0.7843, 0.3961
CMYK	0.85, 0.64, 0.00, 0.40
HSL	225°, 74%, 35%
HSV	225°, 85%, 60%
XYZ	7.5523, 5.2476, 31.1867
YIQ	56.7180, -50.8510, 24.0050

Conversions

Conversions Part 2

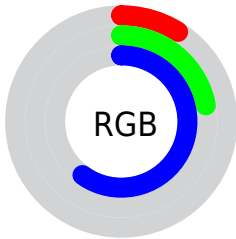
Format	Color
R_{YB}	23, 49, 154
Decimal	1521562
CIE _{Lab}	27.43, 27.76, -56.96
CIE _{LCh}	27, 63.364, 295.985
Yxy	5.2476, 0.1717, 0.1193
Android (android.graphics.Color)	4279711642 (0xFF17379A)
YUV	56.7180, 47.9600, -29.5707
Hunter-Lab	22.9077, 18.7599, -64.6824

Details

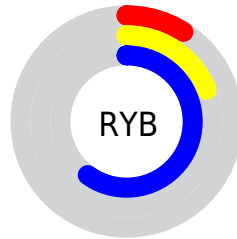
The Hex color **17379A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9A7A17**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5D65D1**, and **000F66** is the 20% darker color. If you saturate the color by 10%, you get **082B9A**, and if you desaturate by 10%, it is **26439A**.

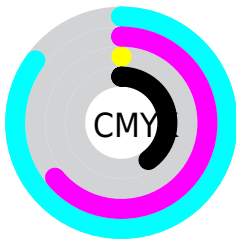
Distribution



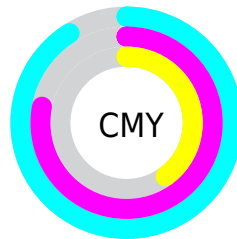
- Red (9%)
- Green (22%)
- Blue (60%)



- Red (9%)
- Yellow (19%)
- Blue (60%)



- Cyan (85%)
- Magenta (64%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (78%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17379A 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 17379A by changing the saturation by 10% instead.

■ 17379A

■ 17379A

FFFFFF

■ 00227F

■ 5D65D1

■ 000F66

■ 7A7EEE

■ 00004D

■ 9798FF

■ 000535

■ B4B3FF

■ 00021F

■ D2CFFF

■ 000002

■ F0EBFF

■ 000000

■ 17379A

■ 17379A

■ 082B9A

■ 26439A

00269A

364E9A

455A9A

55669A

64719A

737D9A

83889A

92949A

A2A09A

Harmonies

Analogous

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



004AA4



17379A



720E78

Triad

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



17379A



792300



005339

Complementary

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



17379A



9A7A17

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.



005000



17379A



563D00

Square

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



17379A



8E001A



264A00



00546B

Rectangle

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



17379A



89005A



264A00



005227

Sweetspot

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



17379A



95A2C9



179A79



464E66



E6E6E6



666666

Same Dimension

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



17379A



0031C9



38179A



45474D



00228C



00030D

Inverse Universe

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



9A1737



C90031



799A17



4D4547



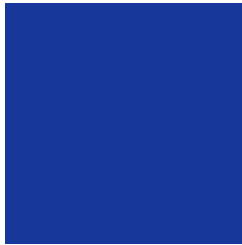
8C0022



0D0003

Previews

White Background



This preview shows how the Hex color 17379A looks on a white background.

Color Contrast Check

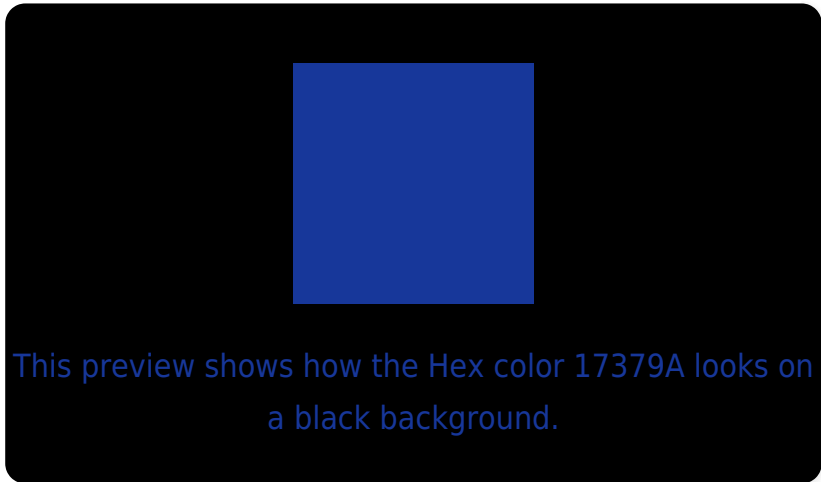
Large Text (above 18pt) WCAG AA ✓ Pass

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

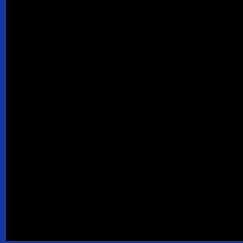
Any Text WCAG AA × Fail

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 17379A Background



This preview shows how black text looks on a background with the Hex color 17379A.



This preview shows how white text looks on a background with the Hex color 17379A.

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
17379A

Protanopia
003E84

Deuteranopia
004371



Tritanopia
00484C

Trichromacy



Original Color
17379A

Protanomaly
083B8C

Deuteranomaly
083F80

Tritanomaly
084268

Monochromacy



Original Color
17379A

Achromatopsia
393939

Achromatomaly
2D385C

CSS Examples

Text

The CSS property to change the color of the text to Hex 17379A 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 #17379A looks like.

```
.text, #text, p{  
    color:#17379A  
}
```

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 #17379A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17379A
}
```

Border

The CSS property to change the border of an element to Hex 17379A 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".

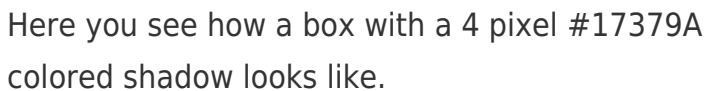
```
.border, #border, table{ border:4px solid
#17379A }
```

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

```
.border{ border-color:#17379A }
```

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

Here you see how a box with a 4 pixel #17379A colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17379A; -webkit-box-shadow:4px 4px  
4px 4px #17379A; box-shadow:4px 4px 4px  
4px #17379A }
```

Background

The CSS property to change the background color of an element to Hex 17379A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17379A }
```

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

```
.background{ background-color:#17379A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor