

Converting Colors

Hex(19349B)

Have a look what the booklet for
Hex(19349B) contains.

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Color

Hex(19349B)

Conversions

Conversions Part 1

Format	Color
Hex	19349B
RGB	25, 52, 155
RGB Percent	10%, 20%, 61%
CMY	0.9020, 0.7961, 0.3922
CMYK	0.84, 0.66, 0.00, 0.39
HSL	228°, 72%, 35%
HSV	228°, 84%, 61%
XYZ	7.5453, 5.0292, 31.5834
YIQ	55.6690, -49.1550, 26.3090

Conversions

Conversions Part 2

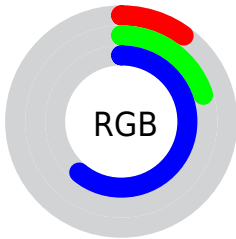
Format	Color
R_{YB}	25, 47, 155
Decimal	1651867
CIE _{Lab}	26.82, 30.33, -58.57
CIE _{LCh}	27, 65.956, 297.378
Yxy	5.0292, 0.1709, 0.1139
Android (android.graphics.Color)	4279841947 (0xFF19349B)
YUV	55.6690, 48.9702, -26.8967
Hunter-Lab	22.4259, 20.8117, -67.8026

Details

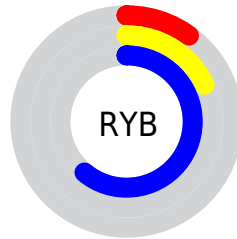
The Hex color **19349B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9B8019**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5E62D2**, and **000C67** is the 20% darker color. If you saturate the color by 10%, you get **09289B**, and if you desaturate by 10%, it is **28409B**.

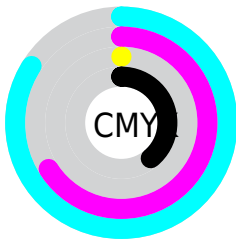
Distribution



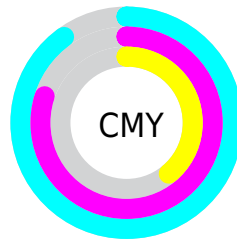
- Red (10%)
- Green (20%)
- Blue (61%)



- Red (10%)
- Yellow (18%)
- Blue (61%)



- Cyan (84%)
- Magenta (66%)
- Yellow (0%)
- Black (39%)



- Cyan (90%)
- Magenta (80%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19349B 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 19349B by changing the saturation by 10% instead.

■ 19349B

■ 19349B

FFFFFF

■ 001F80

■ 5E62D2

■ 000C67

■ 7C7BEF

■ 00004E

■ 9995FF

■ 000536

■ B6B0FF

■ 000220

■ D4CBFF

■ 000003

■ F1E7FF

■ 000000

■ 19349B

■ 19349B

■ 09289B

■ 28409B

00209B

384D9B

48599B

57659B

66719B

767E9B

858A9B

95969B

A4A39B

Harmonies

Analogous

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



0048A7



19349B



740077

Triad

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



19349B



772200



005239

Complementary

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



19349B



9B8019

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.



004F00



19349B



523C00

Square

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



19349B



8E0015



1E4900



00536D

Rectangle

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



19349B



8A0057



1E4900



005127

Sweetspot

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



19349B



97A2C9



199B7F



474E66



E6E6E6



666666

Same Dimension

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



19349B



002AC9



3E199B



45464D



001D8C



00030D

Inverse Universe

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



9B1934



C9002A



769B19



4D4546



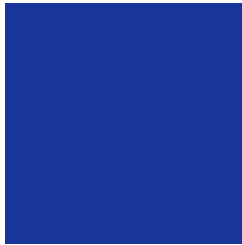
8C001D



0D0003

Previews

White Background



This preview shows how the Hex color 19349B looks on a white background.

Color Contrast Check

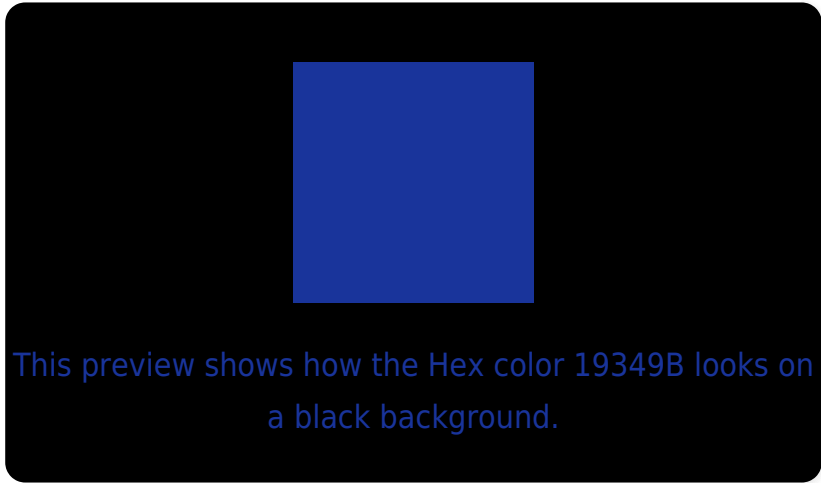
Large Text (above 18pt) WCAG AA ✓ Pass

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

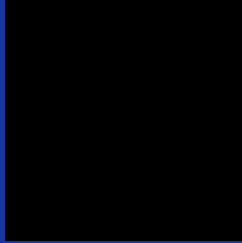
Any Text WCAG AA × Fail

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 19349B Background



This preview shows how black text looks on a background with the Hex color 19349B.



This preview shows how white text looks on a background with the Hex color 19349B.

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
19349B

Protanopia
003D81

Deuteranopia
00416E

Trichromacy



Original Color
19349B

Protanomaly
093A8A

Deuteranomaly
093C7E

Monochromacy



Original Color
19349B

Achromatopsia
383838

Achromatomaly
2D375C

CSS Examples

Text

The CSS property to change the color of the text to Hex 19349B 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 #19349B looks like.

```
.text, #text, p{  
    color:#19349B  
}
```

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 #19349B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19349B
}
```

Border

The CSS property to change the border of an element to Hex 19349B 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".

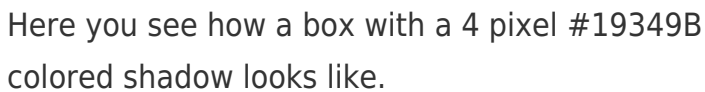
```
.border, #border, table{ border:4px solid
#19349B }
```

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

```
.border{ border-color:#19349B }
```

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

Here you see how a box with a 4 pixel #19349B 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 #19349B; -webkit-box-shadow:4px 4px  
4px 4px #19349B; box-shadow:4px 4px 4px  
4px #19349B }
```

Background

The CSS property to change the background color of an element to Hex 19349B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19349B }
```

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

```
.background{ background-color:#19349B }
```

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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