

Converting Colors

Hex(1E339E)

Have a look what the booklet for
Hex(1E339E) contains.

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Color

Hex(1E339E)

Conversions

Conversions Part 1

Format	Color
Hex	1E339E
RGB	30, 51, 158
RGB Percent	12%, 20%, 62%
CMY	0.8824, 0.8000, 0.3804
CMYK	0.81, 0.68, 0.00, 0.38
HSL	230°, 68%, 37%
HSV	230°, 81%, 62%
XYZ	7.8908, 5.1123, 32.9186
YIQ	56.9190, -46.8630, 28.8250

Conversions

Conversions Part 2

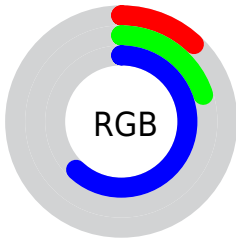
Format	Color
R_{YB}	30, 48, 158
Decimal	1979294
CIE _{Lab}	27.05, 32.55, -60.00
CIE _{LCh}	27, 68.265, 298.479
Yxy	5.1123, 0.1718, 0.1113
Android (android.graphics.Color)	4280169374 (0xFF1E339E)
YUV	56.9190, 49.8329, -23.6080
Hunter-Lab	22.6104, 22.7266, -70.4935

Details

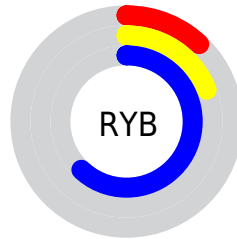
The Hex color **1E339E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9E891E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6261D6**, and **000B69** is the 20% darker color. If you saturate the color by 10%, you get **0E269E**, and if you desaturate by 10%, it is **2E409E**.

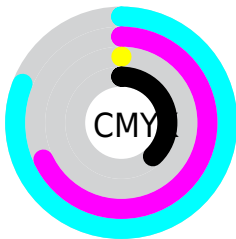
Distribution



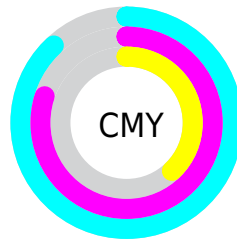
- Red (12%)
- Green (20%)
- Blue (62%)



- Red (12%)
- Yellow (19%)
- Blue (62%)



- Cyan (81%)
- Magenta (68%)
- Yellow (0%)
- Black (38%)



- Cyan (88%)
- Magenta (80%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E339E 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 1E339E by changing the saturation by 10% instead.

■ 1E339E

■ 1E339E

FFFFFF

■ 001E83

■ 6261D6

■ 000B69

■ 7F7AF2

■ 000050

■ 9C94FF

■ 000538

■ BAAFFF

■ 000222

■ D7CAFF

■ 000008

■ F5E6FF

■ 000000

■ 1E339E

■ 1E339E

■ 0E269E

■ 2E409E

001A9E

3E4D9E

4D5B9E

5D689E

6D759E

7D829E

8D8F9E

9C9D9E

ACAA9E

Harmonies

Analogous

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



0049AB



1E339E



780078

Triad

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



1E339E



782200



00533C

Complementary

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



1E339E



9E891E

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



1E339E



523E00

Square

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



1E339E



910012



194B00



005471

Rectangle

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



1E339E



8E0056



194B00



005229

Sweetspot

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



1E339E



9DA5CF



1E9E89



4A4F69



E8E8E8



696969

Same Dimension

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



1E339E



0627CF



491E9E



47484F



00178F



00030F

Inverse Universe

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



9E1E33



CF0627



739E1E



4F4748



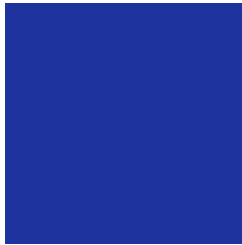
8F0017



0F0003

Previews

White Background



This preview shows how the Hex color 1E339E looks on a white background.

Color Contrast Check

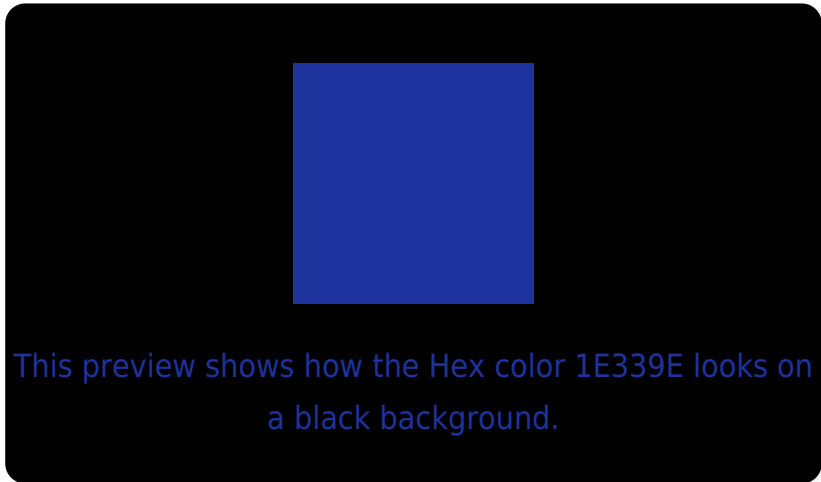
Large Text (above 18pt) WCAG AA ✓ Pass

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

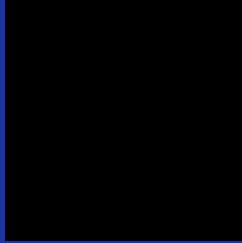
Any Text WCAG AA × Fail

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 1E339E Background



This preview shows how black text looks on a background with the Hex color 1E339E.



This preview shows how white text looks on a background with the Hex color 1E339E.

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
1E339E

Protanopia
003E82

Deuteranopia
00426F



Tritanopia
00474B

Trichromacy



Original Color
1E339E

Protanomaly
0B3A8C

Deuteranomaly
0B3D80

Tritanomaly
0B4069

Monochromacy



Original Color
1E339E

Achromatopsia
393939

Achromatomaly
2F375E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E339E 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 #1E339E looks like.

```
.text, #text, p{  
    color:#1E339E  
}
```

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 #1E339E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E339E
}
```

Border

The CSS property to change the border of an element to Hex 1E339E is called "border". The border property can be set on classes, ids or directly on the HTML element.

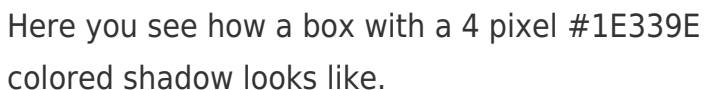
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E339E }
```

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

```
.border{ border-color:#1E339E }
```

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



Here you see how a box with a 4 pixel #1E339E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E339E; -webkit-box-shadow:4px 4px  
4px 4px #1E339E; box-shadow:4px 4px 4px  
4px #1E339E }
```

Background

The CSS property to change the background color of an element to Hex 1E339E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E339E }
```

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

```
.background{ background-color:#1E339E }
```

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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