

Converting Colors

Hex(1E3399)

Have a look what the booklet for
Hex(1E3399) contains.

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Color

Hex(1E3399)

Conversions

Conversions Part 1

Format	Color
Hex	1E3399
RGB	30, 51, 153
RGB Percent	12%, 20%, 60%
CMY	0.8824, 0.8000, 0.4000
CMYK	0.80, 0.67, 0.00, 0.40
HSL	230°, 67%, 36%
HSV	230°, 80%, 60%
XYZ	7.4690, 4.9436, 30.6975
YIQ	56.3490, -45.2580, 27.2700

Conversions

Conversions Part 2

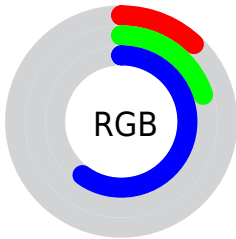
Format	Color
R_{YB}	30, 48, 153
Decimal	1979289
CIE _{Lab}	26.57, 30.66, -57.74
CIE _{LCh}	27, 65.374, 297.966
Yxy	4.9436, 0.1733, 0.1147
Android (android.graphics.Color)	4280169369 (0xFF1E3399)
YUV	56.3490, 47.6489, -23.1081
Hunter-Lab	22.2342, 21.0529, -66.2947

Details

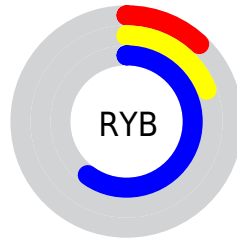
The Hex color **1E3399** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **99841E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6061D0**, and **000B65** is the 20% darker color. If you saturate the color by 10%, you get **0F2699**, and if you desaturate by 10%, it is **2D4099**.

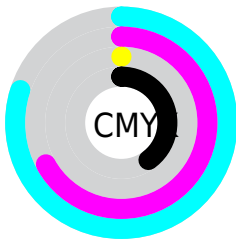
Distribution



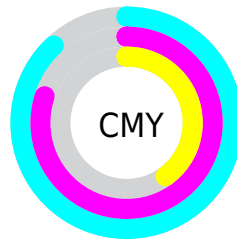
- Red (12%)
- Green (20%)
- Blue (60%)



- Red (12%)
- Yellow (19%)
- Blue (60%)



- Cyan (80%)
- Magenta (67%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3399 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 1E3399 by changing the saturation by 10% instead.

■ 1E3399

■ 1E3399

FFFFFF

■ 001E7E

■ 6061D0

■ 000B65

■ 7E7AED

■ 00004C

■ 9A94FF

■ 000434

■ B8AFFF

■ 00021E

■ D5CAFF

■ 000000

■ F3E6FF

■ 1E3399

■ 1E3399

■ 0F2699

■ 2D4099

■ 001A99

■ 3D4C99

■ 4C5999

■ 5B6699

■ 6A7299

■ 7A7F99

■ 898C99

■ 989999

■ A8A599

Harmonies

Analogous

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



0048A5



1E3399



740075

Triad

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



1E3399



762200



00513A

Complementary

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



1E3399



99841E

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



1E3399



513C00

Square

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



1E3399



8D0014



1D4900



00526D

Rectangle

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



1E3399



8A0055



1D4900



005128

Sweetspot

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



1E3399



979FC7



1E9982



474C63



E3E3E3



636363

Same Dimension

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



1E3399



0829C7



451E99



45464D



00188C



00020D

Inverse Universe

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



991E33



C70829



72991E



4D4546



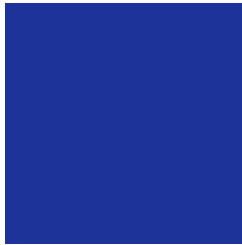
8C0018



0D0002

Previews

White Background



This preview shows how the Hex color 1E3399 looks on a white background.

Color Contrast Check

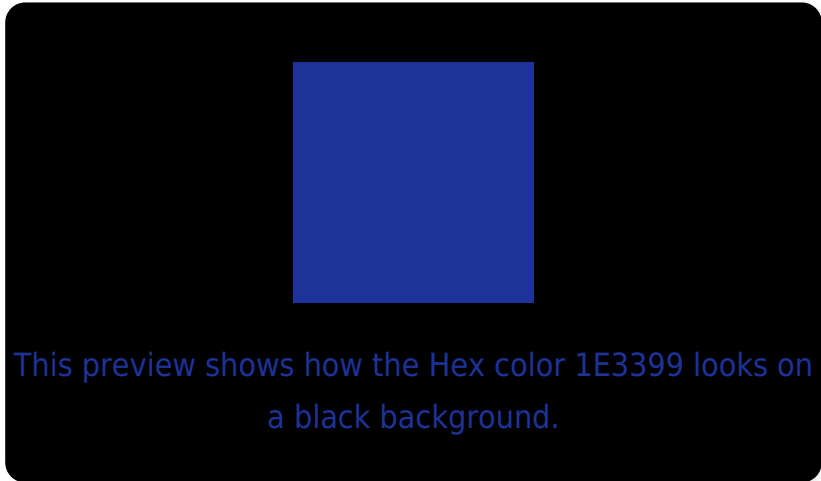
Large Text (above 18pt) WCAG AA ✓ Pass

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

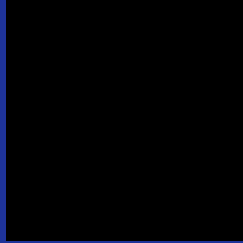
Any Text WCAG AA × Fail

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 1E3399 Background



This preview shows how black text looks on a background with the Hex color 1E3399.



This preview shows how white text looks on a background with the Hex color 1E3399.

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
1E3399

Protanopia
003D80

Deuteranopia
00416D



Tritanopia
00464A

Trichromacy



Original Color
1E3399

Protanomaly
0B3989

Deuteranomaly
0B3C7D

Tritanomaly
0B3F67

Monochromacy



Original Color
1E3399

Achromatopsia
383838

Achromatomaly
2F365B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3399 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 #1E3399 looks like.

```
.text, #text, p{  
    color:#1E3399  
}
```

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 #1E3399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3399
}
```

Border

The CSS property to change the border of an element to Hex 1E3399 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".

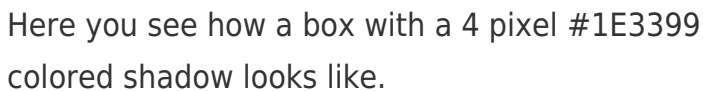
```
.border, #border, table{ border:4px solid
#1E3399 }
```

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

```
.border{ border-color:#1E3399 }
```

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

Here you see how a box with a 4 pixel #1E3399 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 #1E3399; -webkit-box-shadow:4px 4px  
4px 4px #1E3399; box-shadow:4px 4px 4px  
4px #1E3399 }
```

Background

The CSS property to change the background color of an element to Hex 1E3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3399 }
```

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

```
.background{ background-color:#1E3399 }
```

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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