

Converting Colors

Hex(1E398B)

Have a look what the booklet for
Hex(1E398B) contains.

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Color

Hex(1E398B)

Conversions

Conversions Part 1

Format	Color
Hex	1E398B
RGB	30, 57, 139
RGB Percent	12%, 22%, 55%
CMY	0.8824, 0.7765, 0.4549
CMYK	0.78, 0.59, 0.00, 0.45
HSL	225°, 64%, 33%
HSV	225°, 78%, 55%
XYZ	6.6587, 5.0664, 25.0530
YIQ	58.2750, -42.4140, 19.7780

Conversions

Conversions Part 2

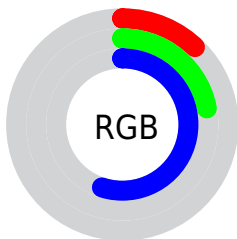
Format	Color
R_{YB}	30, 52, 139
Decimal	1980811
CIE _{Lab}	26.92, 21.11, -48.55
CIE _{LCh}	27, 52.940, 293.498
Yxy	5.0664, 0.1811, 0.1378
Android (android.graphics.Color)	4280170891 (0xFF1E398B)
YUV	58.2750, 39.7974, -24.7972
Hunter-Lab	22.5086, 13.4160, -50.2364

Details

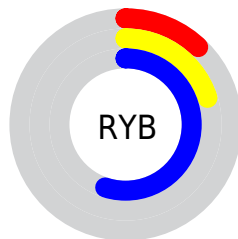
The Hex color **1E398B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8B701E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5C68C1**, and **001158** is the 20% darker color. If you saturate the color by 10%, you get **102F8B**, and if you desaturate by 10%, it is **2C438B**.

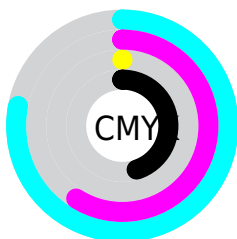
Distribution



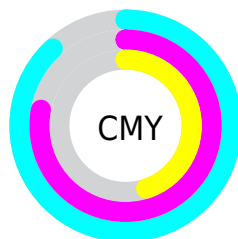
- Red (12%)
- Green (22%)
- Blue (55%)



- Red (12%)
- Yellow (20%)
- Blue (55%)



- Cyan (78%)
- Magenta (59%)
- Yellow (0%)
- Black (45%)



- Cyan (88%)
- Magenta (78%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E398B 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 1E398B by changing the saturation by 10% instead.

 1E398B

 1E398B

FFFFFF

 002471

 5C68C1

 001158

 7881DE

 000040

 949AFA

 000329

 B1B5FF

 000113

 CED1FF

 000000

 EBEDFF

 1E398B

 1E398B

 102F8B

 2C438B

■ 02248B

■ 3A4E8B

■ 00228B

■ 48588B

■ 56638B

■ 646D8B

■ 71788B

■ 7F828B

■ 8D8D8B

■ 9B978B

Harmonies

Analogous

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



004891



1E398B



662170

Triad

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



1E398B



732700



005035

Complementary

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



1E398B



8B701E

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.



004D06



1E398B



563B00

Square

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



1E398B



830722



314700



00505F

Rectangle

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



1E398B



7B0858



314700



004F27

Sweetspot

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



1E398B



8A94B5



1E8B70



41485C



DBDBDB



5C5C5C

Same Dimension

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



1E398B



0B35B5



391E8B



3E4045



002185



000105

Inverse Universe

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



8B1E39



B50B35



708B1E



453E40



850021



050001

Previews

White Background



This preview shows how the Hex color 1E398B looks on a white background.

Color Contrast Check

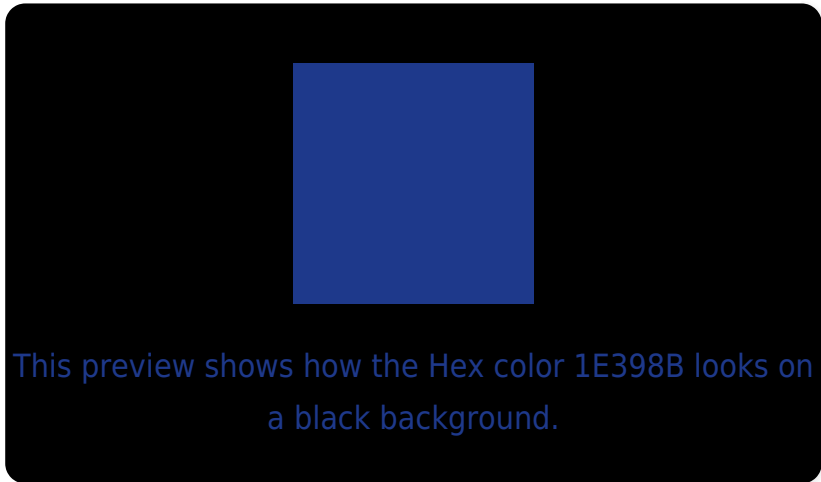
Large Text (above 18pt) WCAG AA ✓ Pass

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

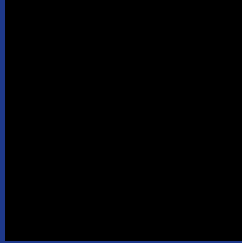
Any Text WCAG AA × Fail

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 1E398B Background



This preview shows how black text looks on a background with the Hex color 1E398B.



This preview shows how white text looks on a background with the Hex color 1E398B.

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





Tritanopia
00474B

Trichromacy



Original Color
1E398B

Protanomaly
0B3C85

Deuteranomaly
0B3E7A

Tritanomaly
0B4262

Monochromacy



Original Color
1E398B

Achromatopsia
3A3A3A

Achromatomaly
303A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E398B 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 #1E398B looks like.

```
.text, #text, p{  
    color:#1E398B  
}
```

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 #1E398B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E398B
}
```

Border

The CSS property to change the border of an element to Hex 1E398B 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
#1E398B }
```

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

```
.border{ border-color:#1E398B }
```

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

Here you see how a box with a 4 pixel #1E398B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E398B; -webkit-box-shadow:4px 4px  
4px 4px #1E398B; box-shadow:4px 4px 4px  
4px #1E398B }
```

Background

The CSS property to change the background color of an element to Hex 1E398B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E398B }
```

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

```
.background{ background-color:#1E398B }
```

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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