

Converting Colors

Hex(17398E)

Have a look what the booklet for
Hex(17398E) contains.

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Color

Hex(17398E)

Conversions

Conversions Part 1

Format	Color
Hex	17398E
RGB	23, 57, 142
RGB Percent	9%, 22%, 56%
CMY	0.9098, 0.7765, 0.4431
CMYK	0.84, 0.60, 0.00, 0.44
HSL	223°, 72%, 32%
HSV	223°, 84%, 56%
XYZ	6.6990, 5.0614, 26.2151
YIQ	56.5240, -47.5490, 19.2270

Conversions

Conversions Part 2

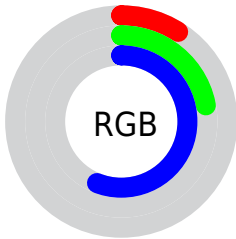
Format	Color
R_{YB}	23, 49, 142
Decimal	1522062
CIE _{Lab}	26.91, 21.58, -50.44
CIE _{LCh}	27, 54.863, 293.165
Yxy	5.0614, 0.1764, 0.1333
Android (android.graphics.Color)	4279712142 (0xFF17398E)
YUV	56.5240, 42.1397, -29.4005
Hunter-Lab	22.4976, 13.7801, -53.3388

Details

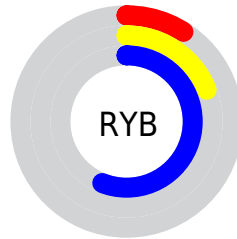
The Hex color **17398E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8E6C17**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5968C5**, and **00115B** is the 20% darker color. If you saturate the color by 10%, you get **092F8E**, and if you desaturate by 10%, it is **25438E**.

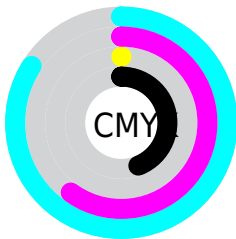
Distribution



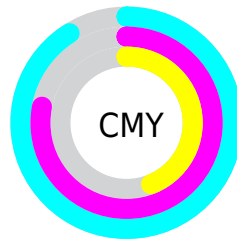
- Red (9%)
- Green (22%)
- Blue (56%)



- Red (9%)
- Yellow (19%)
- Blue (56%)



- Cyan (84%)
- Magenta (60%)
- Yellow (0%)
- Black (44%)



- Cyan (91%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17398E 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 17398E by changing the saturation by 10% instead.

■ 17398E

■ 17398E

FFFFFF

■ 002474

■ 5968C5

■ 00115B

■ 7680E1

■ 000143

■ 929AFE

■ 00032B

■ AFB5FF

■ 000116

■ CCD1FF

■ 000000

■ E9EDFF

■ 17398E

■ 17398E

■ 092F8E

■ 25438E

■ 00298E

■ 334D8E

■ 42578E

■ 50628E

■ 5E6C8E

■ 6C768E

■ 7A808E

■ 898A8E

■ 97948E

Harmonies

Analogous

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



004894



17398E



671F73

Triad

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



17398E



742500



005034

Complementary

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



17398E



8E6C17

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.



004D03



17398E



573B00

Square

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



17398E



850022



304700



005160

Rectangle

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



17398E



7C0159



304700



004F25

Sweetspot

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



17398E



8A97B8



178E6A



40485C



DBDBDB



5C5C5C

Same Dimension

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



17398E



0034B8



2F178E



404247



002787



000208

Inverse Universe

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



8E1739



B80034



768E17



474042



870027



080002

Previews

White Background



This preview shows how the Hex color 17398E looks on a white background.

Color Contrast Check

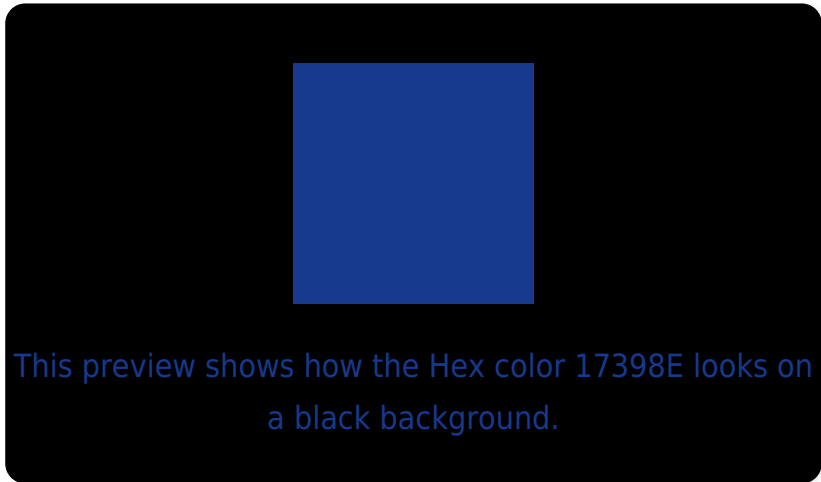
Large Text (above 18pt) WCAG AA ✓ Pass

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

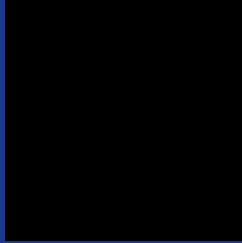
Any Text WCAG AA × Fail

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 17398E Background



This preview shows how black text looks on a background with the Hex color 17398E.



This preview shows how white text looks on a background with the Hex color 17398E.

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
17398E

Protanopia
003D82

Deuteranopia
004170



Tritanopia
00474B

Trichromacy



Original Color
17398E

Protanomaly
083C86

Deuteranomaly
083E7B

Tritanomaly
084263

Monochromacy



Original Color
17398E

Achromatopsia
393939

Achromatomaly
2D3958

CSS Examples

Text

The CSS property to change the color of the text to Hex 17398E 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 #17398E looks like.

```
.text, #text, p{  
    color:#17398E  
}
```

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 #17398E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17398E
}
```

Border

The CSS property to change the border of an element to Hex 17398E 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
#17398E }
```

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

```
.border{ border-color:#17398E }
```

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

Here you see how a box with a 4 pixel #17398E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17398E; -webkit-box-shadow:4px 4px  
4px 4px #17398E; box-shadow:4px 4px 4px  
4px #17398E }
```

Background

The CSS property to change the background color of an element to Hex 17398E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17398E }
```

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

```
.background{ background-color:#17398E }
```

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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