

Converting Colors

Hex(188E99)

Have a look what the booklet for
Hex(188E99) contains.

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Color

Hex(188E99)

Conversions

Conversions Part 1

Format	Color
Hex	188E99
RGB	24, 142, 153
RGB Percent	9%, 56%, 60%
CMY	0.9059, 0.4431, 0.4000
CMYK	0.84, 0.07, 0.00, 0.40
HSL	185°, 73%, 35%
HSV	185°, 84%, 60%
XYZ	15.7995, 21.8401, 33.5198
YIQ	107.9720, -73.8590, -21.5950

Conversions

Conversions Part 2

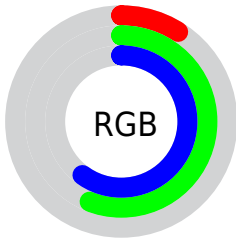
Format	Color
R_{YB}	24, 86, 153
Decimal	1609369
CIE _{Lab}	53.86, -26.19, -14.60
CIE _{LCh}	54, 29.984, 209.142
Yxy	21.8401, 0.2220, 0.3069
Android (android.graphics.Color)	4279799449 (0xFF188E99)
YUV	107.9720, 22.1988, -73.6434
Hunter-Lab	46.7334, -21.4368, -9.8128

Details

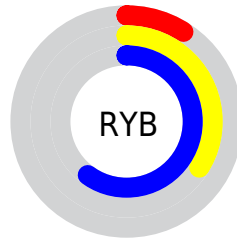
The Hex color **188E99** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **992318**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5FC4CF**, and **005B66** is the 20% darker color. If you saturate the color by 10%, you get **098D99**, and if you desaturate by 10%, it is **278F99**.

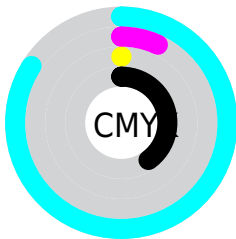
Distribution



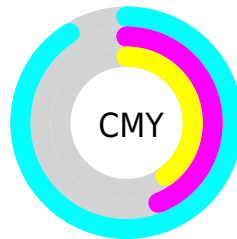
- Red (9%)
- Green (56%)
- Blue (60%)



- Red (9%)
- Yellow (34%)
- Blue (60%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 188E99 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 188E99 by changing the saturation by 10% instead.

 188E99

 188E99

FFFFFF

 00747F

 5FC4CF

 005B66

 7DE0EC

 00434E

 9AFDFF

 002C37

 B7FFFF

 001722

 D5FFFF

 00000A

 F3FFFF

 000000

 188E99

 188E99

 098D99

 278F99

■ 008C99

■ 379199

■ 469299

■ 559399

■ 659599

■ 749699

■ 839799

■ 929899

■ A29A99

Harmonies

Analogous

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



378F7F



188E99



2E8AAC

Triad

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



188E99



A1719C



937F4D

Complementary

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



188E99



992318

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.



A77655



188E99



B16D82

Square

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



188E99



837AAE



B26F69



788753

Rectangle

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



188E99



4B86B3



B26F69



9A7C4E

Sweetspot

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



188E99



95C3C7



189923



466163



E3E3E3



636363

Same Dimension

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



188E99



00B6C7



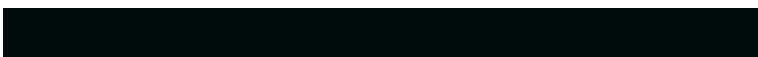
184E99



454C4D



00808C



000C0D

Inverse Universe

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



99188E



C700B6



996318



4D454C



8C0080



0D000C

Previews

White Background



This preview shows how the Hex color 188E99 looks on a white background.

Color Contrast Check

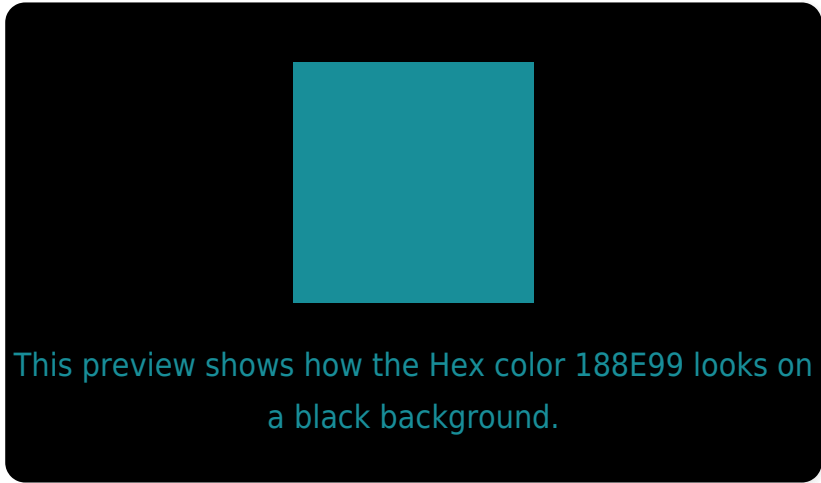
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

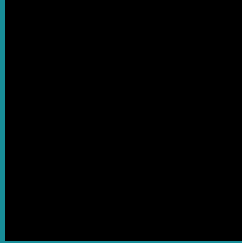
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 188E99 Background



This preview shows how black text looks on a background with the Hex color 188E99.

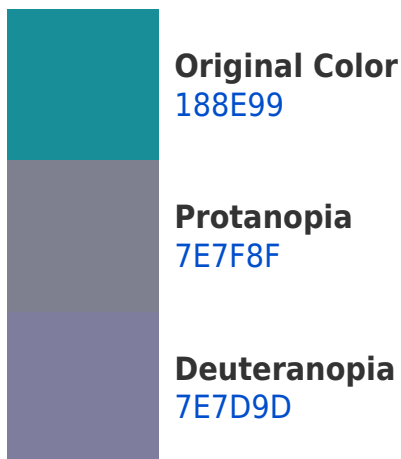


This preview shows how white text looks on a background with the Hex color 188E99.

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
198E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 188E99 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 #188E99 looks like.

```
.text, #text, p{  
    color:#188E99  
}
```

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 #188E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188E99
}
```

Border

The CSS property to change the border of an element to Hex 188E99 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
#188E99 }
```

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

```
.border{ border-color:#188E99 }
```

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

Here you see how a box with a 4 pixel #188E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188E99; -webkit-box-shadow:4px 4px  
4px 4px #188E99; box-shadow:4px 4px 4px  
4px #188E99 }
```

Background

The CSS property to change the background color of an element to Hex 188E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188E99 }
```

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

```
.background{ background-color:#188E99 }
```

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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