

Converting Colors

Hex(168E8D)

Have a look what the booklet for
Hex(168E8D) contains.

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Color

Hex(168E8D)

Conversions

Conversions Part 1

Format	Color
Hex	168E8D
RGB	22, 142, 141
RGB Percent	9%, 56%, 55%
CMY	0.9137, 0.4431, 0.4471
CMYK	0.85, 0.00, 0.01, 0.44
HSL	180°, 73%, 32%
HSV	180°, 85%, 56%
XYZ	14.8116, 21.4397, 28.5569
YIQ	106.0060, -71.1990, -25.7510

Conversions

Conversions Part 2

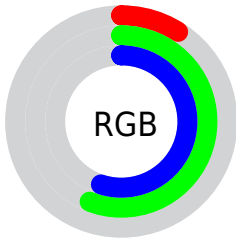
Format	Color
R_{YB}	22, 82, 142
Decimal	1478285
CIE _{Lab}	53.43, -30.19, -8.32
CIE _{LCh}	53, 31.316, 195.405
Yxy	21.4397, 0.2285, 0.3308
Android (android.graphics.Color)	4279668365 (0xFF168E8D)
YUV	106.0060, 17.2520, -73.6733
Hunter-Lab	46.3030, -23.9309, -4.1544

Details

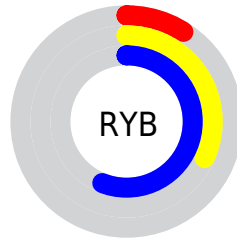
The Hex color **168E8D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E1617**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5DC4C3**, and **005B5B** is the 20% darker color. If you saturate the color by 10%, you get **088E8D**, and if you desaturate by 10%, it is **248E8D**.

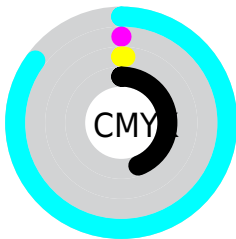
Distribution



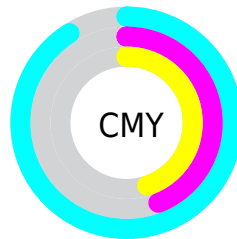
- Red (9%)
- Green (56%)
- Blue (55%)



- Red (9%)
- Yellow (32%)
- Blue (56%)



- Cyan (85%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)




- Cyan (91%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168E8D 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 168E8D by changing the saturation by 10% instead.

 168E8D

 168E8D

FFFFFF

 007473

 5DC4C3

 005B5B

 7AE0DE

 004344

 97FDFB

 002C2D

 B4FFFF

 001519

 D2FFFF

 000000

 F0FFFF

 168E8D

 168E8D

 088E8D

 248E8D

■ 008E8D

■ 328E8D

■ 418E8D

■ 4F8E8D

■ 5D8E8E

■ 6B8E8E

■ 798E8E

■ 888E8E

■ 968E8E

Harmonies

Analogous

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



428D71



168E8D



048CA5

Triad

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



168E8D



9474A6



9D794C

Complementary

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



168E8D



8E1617

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.



AE705A



168E8D



AC6C8E

Square

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



168E8D



6F7DB3



B46B73



83824B

Rectangle

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



168E8D



2E88B0



B46B73



A4764F

Sweetspot

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



168E8D



8AB8B7



188E16



405C5C



DBDBDB



5C5C5C

Same Dimension

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



168E8D



00B8B6



16548E



404747



008786



000808

Inverse Universe

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



8E1617



B80002



8E5016



474040



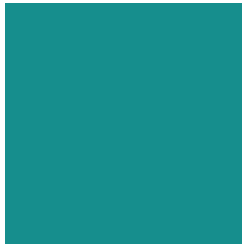
870001



080000

Previews

White Background



This preview shows how the Hex color 168E8D looks on a white background.

Color Contrast Check

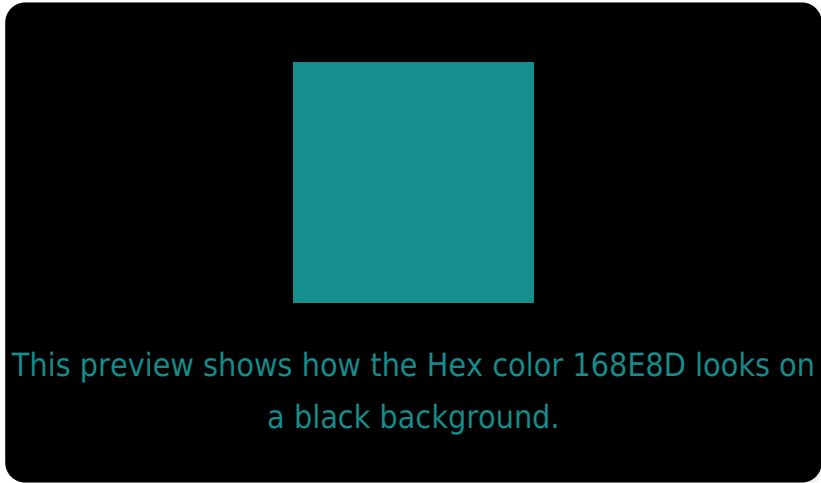
Large Text (above 18pt) WCAG AA ✓ Pass

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

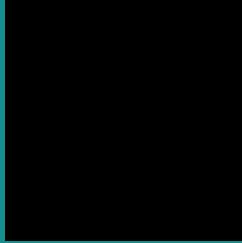
Any Text WCAG AA ✓ Pass

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 168E8D Background



This preview shows how black text looks on a background with the Hex color 168E8D.

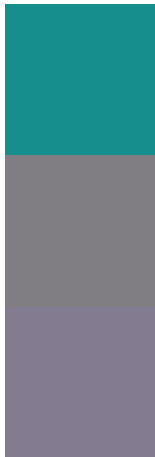


This preview shows how white text looks on a background with the Hex color 168E8D.

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
168E8D

Protanopia
807E83

Deuteranopia
837C91



Tritanopia
228C98

Trichromacy



Original Color
168E8D



Protanomaly
598487



Deuteranomaly
5B8390



Tritanomaly
1E8D94

Monochromacy



Original Color
168E8D



Achromatopsia
6A6A6A



Achromatomaly
4B7777

CSS Examples

Text

The CSS property to change the color of the text to Hex 168E8D 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 #168E8D looks like.

```
.text, #text, p{  
    color:#168E8D  
}
```

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 #168E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168E8D
}
```

Border

The CSS property to change the border of an element to Hex 168E8D 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
#168E8D }
```

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

```
.border{ border-color:#168E8D }
```

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

Here you see how a box with a 4 pixel #168E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168E8D; -webkit-box-shadow:4px 4px  
4px 4px #168E8D; box-shadow:4px 4px 4px  
4px #168E8D }
```

Background

The CSS property to change the background color of an element to Hex 168E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168E8D }
```

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

```
.background{ background-color:#168E8D }
```

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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