

Converting Colors

Hex(168299)

Have a look what the booklet for
Hex(168299) contains.

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Color

Hex(168299)

Conversions

Conversions Part 1

Format	Color
Hex	168299
RGB	22, 130, 153
RGB Percent	9%, 51%, 60%
CMY	0.9137, 0.4902, 0.4000
CMYK	0.86, 0.15, 0.00, 0.40
HSL	191°, 75%, 34%
HSV	191°, 86%, 60%
XYZ	14.0633, 18.4357, 32.9542
YIQ	100.3300, -71.7510, -15.7430

Conversions

Conversions Part 2

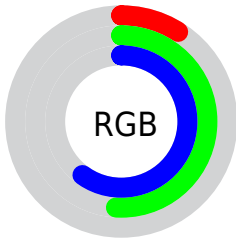
Format	Color
R_{YB}	22, 81, 153
Decimal	1475225
CIE _{Lab}	50.02, -20.12, -20.45
CIE _{LCh}	50, 28.687, 225.476
Yxy	18.4357, 0.2149, 0.2817
Android (android.graphics.Color)	4279665305 (0xFF168299)
YUV	100.3300, 25.9663, -68.6954
Hunter-Lab	42.9369, -16.6747, -15.4495

Details

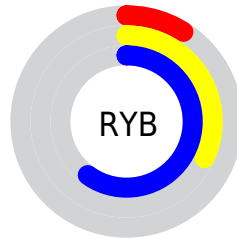
The Hex color **168299** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **992D16**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5DB7CF**, and **005066** is the 20% darker color. If you saturate the color by 10%, you get **077F99**, and if you desaturate by 10%, it is **258599**.

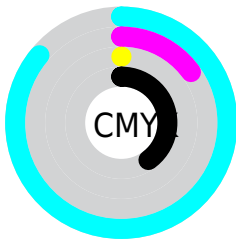
Distribution



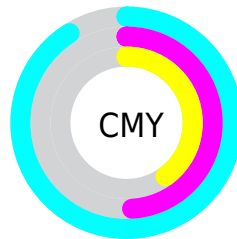
- Red (9%)
- Green (51%)
- Blue (60%)



- Red (9%)
- Yellow (32%)
- Blue (60%)



- Cyan (86%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168299 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 168299 by changing the saturation by 10% instead.

168299

168299

FFFFFF

00697F

5DB7CF

005066

7AD3EC

00394E

97EFFF

002437

B4FFFF

000222

D2FFFF

000008

F0FFFF

000000

168299

168299

077F99

258599

■ 007E99

■ 358799

■ 448A99

■ 538D99

■ 638F99

■ 729299

■ 819599

■ 909799

■ A09A99

Harmonies

Analogous

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



1E8483



168299



3F7DA6

Triad

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



168299



9F6584



7B7A47

Complementary

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



168299



992D16

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.



927148



168299



A7646B

Square

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



168299



8A6C99



A16955



5F8054

Rectangle

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



168299



5B78A7



A16955



837746

Sweetspot

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



168299



93BEC7



16992C



455E63



E3E3E3



636363

Same Dimension

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



168299



00A4C7



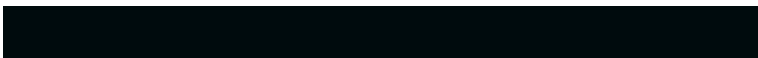
164299



454B4D



00748C



000B0D

Inverse Universe

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



991682



C700A4



996D16



4D454B



8C0074



0D000B

Previews

White Background



This preview shows how the Hex color 168299 looks on a white background.

Color Contrast Check

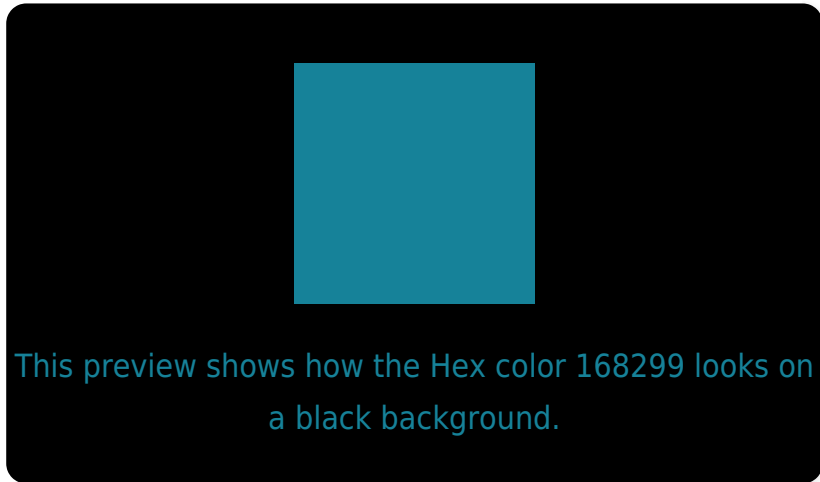
Large Text (above 18pt) WCAG AA ✓ Pass

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

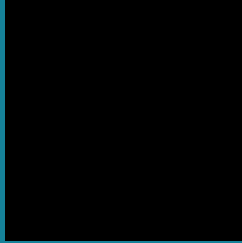
Any Text WCAG AA ✓ Pass

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 168299 Background



This preview shows how black text looks on a background with the Hex color 168299.

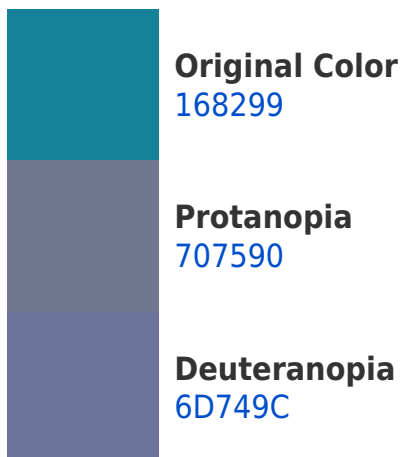


This preview shows how white text looks on a background with the Hex color 168299.

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
00848E

Trichromacy



Original Color
168299

Protanomaly
4F7A93

Deuteranomaly
4D799B

Tritanomaly
088392

Monochromacy



Original Color
168299

Achromatopsia
646464

Achromatomaly
486F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 168299 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 #168299 looks like.

```
.text, #text, p{  
    color:#168299  
}
```

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 #168299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168299
}
```

Border

The CSS property to change the border of an element to Hex 168299 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
#168299 }
```

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

```
.border{ border-color:#168299 }
```

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

Here you see how a box with a 4 pixel #168299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168299; -webkit-box-shadow:4px 4px  
4px 4px #168299; box-shadow:4px 4px 4px  
4px #168299 }
```

Background

The CSS property to change the background color of an element to Hex 168299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168299 }
```

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

```
.background{ background-color:#168299 }
```

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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