

Converting Colors

Hex(268D99)

Have a look what the booklet for
Hex(268D99) contains.

Hex(268D99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(268D99)

Conversions

Conversions Part 1

Format	Color
Hex	268D99
RGB	38, 141, 153
RGB Percent	15%, 55%, 60%
CMY	0.8510, 0.4471, 0.4000
CMYK	0.75, 0.08, 0.00, 0.40
HSL	186°, 60%, 37%
HSV	186°, 75%, 60%
XYZ	16.0740, 21.7617, 33.4902
YIQ	111.5710, -65.2400, -18.1040

Conversions

Conversions Part 2

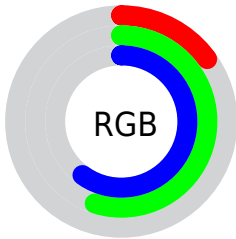
Format	Color
RYB	38, 92, 153
Decimal	2526617
CIELab	53.77, -24.24, -14.71
CIELCh	54, 28.356, 211.240
Yxy	21.7617, 0.2254, 0.3051
Android (android.graphics.Color)	4280716697 (0xFF268D99)
YUV	111.5710, 20.4245, -64.5218
Hunter-Lab	46.6495, -20.1310, -9.9104

Details

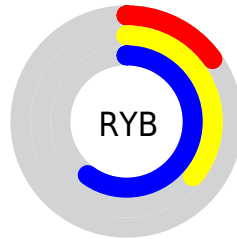
The Hex color **268D99** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **993226**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **66C3CF**, and **005A66** is the 20% darker color. If you saturate the color by 10%, you get **178B99**, and if you desaturate by 10%, it is **358F99**.

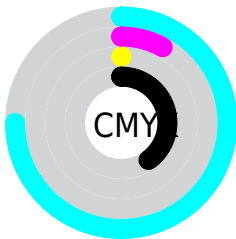
Distribution



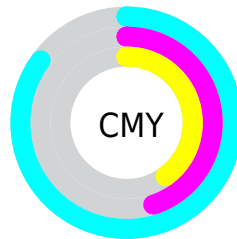
- Red (15%)
- Green (55%)
- Blue (60%)



- Red (15%)
- Yellow (36%)
- Blue (60%)



- Cyan (75%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (85%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268D99 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 268D99 by changing the saturation by 10% instead.

 268D99

 268D99

FFFFFF

 00737F

 66C3CF

 005A66

 83DFEC

 00434E

 A0FCFF

 002C37

 BDFFFF

 001722

 DAFFFF

 00000A

 F8FFFF

 000000

 268D99

 268D99

 178B99

 358F99

078A99

459099

008999

549299

639399

739599

829799

919899

A09A99

B09B99

Harmonies

Analogous

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



3B8E81



268D99



3989AB

Triad

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



268D99



A07298



907F4F

Complementary

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



268D99



993226

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.



A47756



268D99



AF6E80

Square

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



268D99



857AAA



AF7068



768756

Rectangle

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



268D99



5385B0



AF7068



987D50

Sweetspot

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



268D99



99C2C7



269931



486163



E3E3E3



636363

Same Dimension

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



268D99



14B4C7



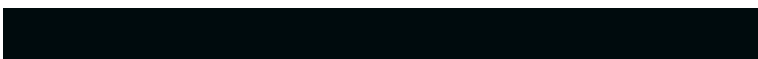
265499



454C4D



007E8C



000B0D

Inverse Universe

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



99268D



C714B4



996B26



4D454C



8C007E



0D000B

Previews

White Background



This preview shows how the Hex color 268D99 looks on a white background.

Color Contrast Check

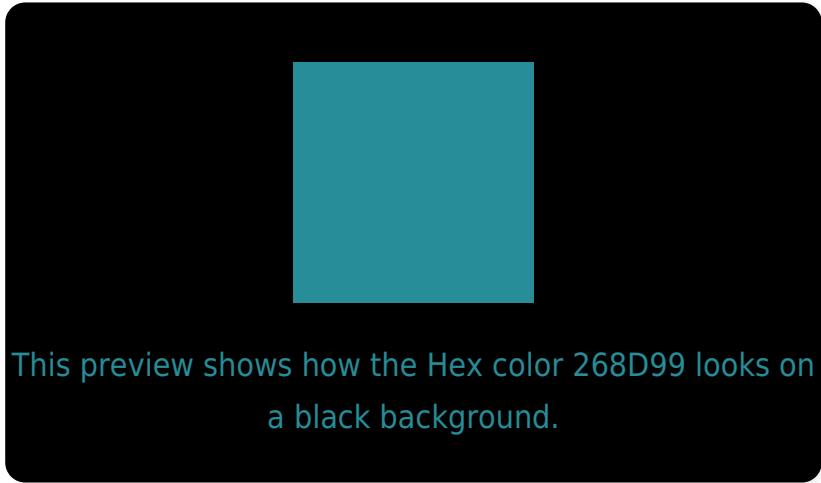
Large Text (above 18pt) WCAG AA ✓ Pass

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

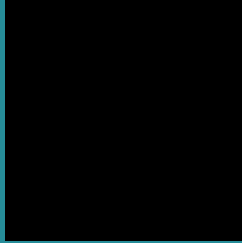
Any Text WCAG AA ✓ Pass

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 268D99 Background



This preview shows how black text looks on a background with the Hex color 268D99.

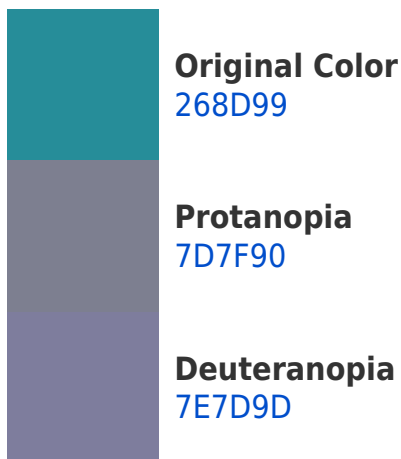


This preview shows how white text looks on a background with the Hex color 268D99.

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](#).

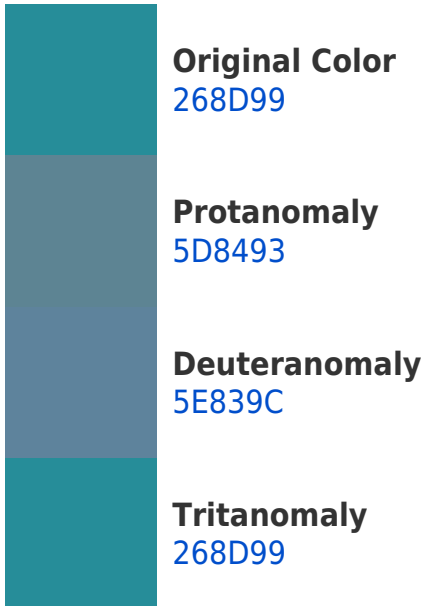
Dichromacy



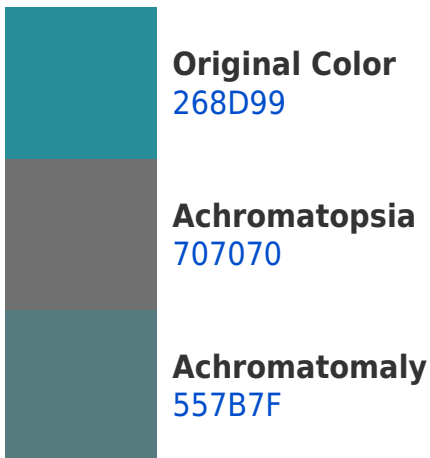


Tritanopia
268D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 268D99 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 #268D99 looks like.

```
.text, #text, p{  
    color:#268D99  
}
```

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 #268D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268D99
}
```

Border

The CSS property to change the border of an element to Hex 268D99 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
#268D99 }
```

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

```
.border{ border-color:#268D99 }
```

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

Here you see how a box with a 4 pixel #268D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268D99; -webkit-box-shadow:4px 4px  
4px 4px #268D99; box-shadow:4px 4px 4px  
4px #268D99 }
```

Background

The CSS property to change the background color of an element to Hex 268D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268D99 }
```

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

```
.background{ background-color:#268D99 }
```

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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