

Converting Colors

Hex(267D9E)

Have a look what the booklet for
Hex(267D9E) contains.

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Color

Hex(267D9E)

Conversions

Conversions Part 1

Format	Color
Hex	267D9E
RGB	38, 125, 158
RGB Percent	15%, 49%, 62%
CMY	0.8510, 0.5098, 0.3804
CMYK	0.76, 0.21, 0.00, 0.38
HSL	196°, 61%, 38%
HSV	196°, 76%, 62%
XYZ	14.3045, 17.5479, 34.9809
YIQ	102.7490, -62.4450, -8.1810

Conversions

Conversions Part 2

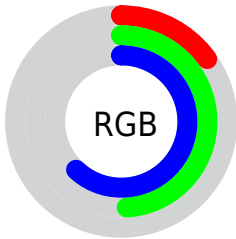
Format	Color
R_{YB}	38, 88, 158
Decimal	2522526
CIE _{Lab}	48.94, -13.97, -25.01
CIE _{LCh}	49, 28.645, 240.814
Y _{xy}	17.5479, 0.2140, 0.2626
Android (android.graphics.Color)	4280712606 (0xFF267D9E)
Y_{UV}	102.7490, 27.2387, -56.7849
Hunter-Lab	41.8902, -12.3545, -20.1876




Details

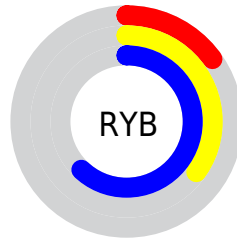
The Hex color **267D9E** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **9E4726**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **65B2D5**, and **004C6A** is the 20% darker color. If you saturate the color by 10%, you get **16799E**, and if you desaturate by 10%, it is **36819E**.

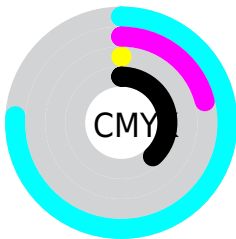
Distribution







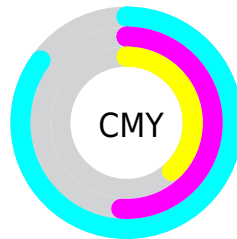
-  Red (15%)
-  Green (49%)
-  Blue (62%)






-  Red (15%)
-  Yellow (35%)
-  Blue (62%)



-  Cyan (76%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (85%)
-  Magenta (51%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 267D9E 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 267D9E by changing the saturation by 10% instead.

■ 267D9E

■ 267D9E

FFFFFF

■ 006484

■ 65B2D5

■ 004C6A

■ 82CDF1

■ 003552

■ 9FE9FF

■ 00203B

■ BCFFFF

■ 000225

■ D9FFFF

■ 00010E

■ F7FFFF

■ 000000

■ 267D9E

■ 267D9E

■ 16799E

■ 36819E

06749E

46869E

00739E

558A9E

658E9E

75939E

85979E

959B9E

A4A09E

B4A49E

Harmonies

Analogous

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



08818C



267D9E



5276A4

Triad

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



267D9E



A26175



6A7A4A

Complementary

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



267D9E



9E4726

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.



847343



267D9E



A2645D

Square

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



267D9E



93668C



976B4B



4D7F5C

Rectangle

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



267D9E



6C71A1



976B4B



737846

Sweetspot

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



267D9E



9FC1CF



269E46



4B6069



E8E8E8



696969

Same Dimension

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



267D9E



139BCF



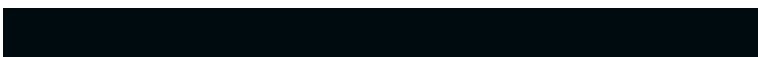
26429E



474D4F



00688F



000B0F

Inverse Universe

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



9E267D



CF139B



9E8226



4F474D



8F0068



0F000B

Previews

White Background



This preview shows how the Hex color 267D9E looks on a white background.

Color Contrast Check

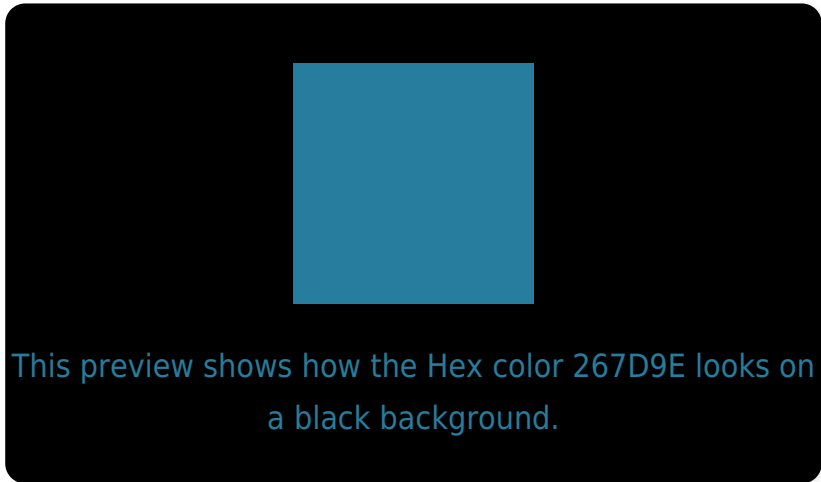
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

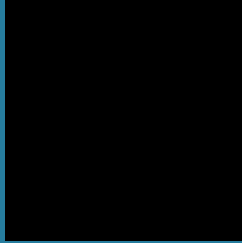
Any Text WCAG AA ✓ Pass

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 267D9E Background



This preview shows how black text looks on a background with the Hex color 267D9E.

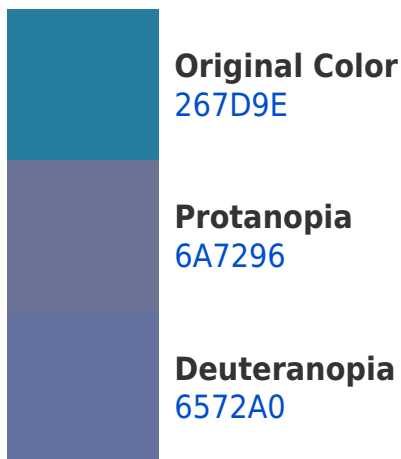


This preview shows how white text looks on a background with the Hex color 267D9E.

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](#).

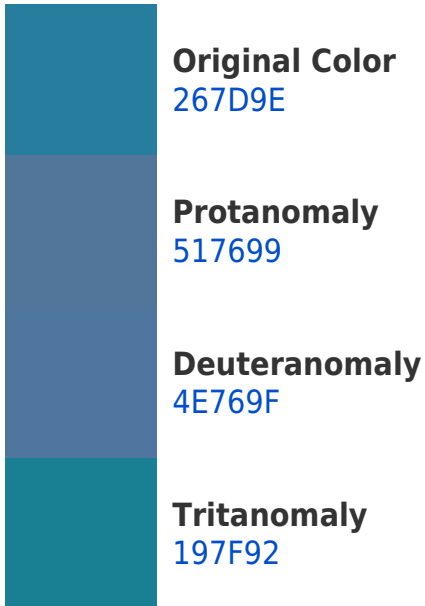
Dichromacy





Tritanopia
11808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 267D9E 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 #267D9E looks like.

```
.text, #text, p{  
    color:#267D9E  
}
```

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 #267D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267D9E
}
```

Border

The CSS property to change the border of an element to Hex 267D9E 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
#267D9E }
```

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

```
.border{ border-color:#267D9E }
```

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

Here you see how a box with a 4 pixel #267D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267D9E; -webkit-box-shadow:4px 4px  
4px 4px #267D9E; box-shadow:4px 4px 4px  
4px #267D9E }
```

Background

The CSS property to change the background color of an element to Hex 267D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267D9E }
```

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

```
.background{ background-color:#267D9E }
```

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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