

Converting Colors

Hex(267C87)

Have a look what the booklet for
Hex(267C87) contains.

Hex(267C87)	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(267C87)

Conversions

Conversions Part 1

Format	Color
Hex	267C87
RGB	38, 124, 135
RGB Percent	15%, 49%, 53%
CMY	0.8510, 0.5137, 0.4706
CMYK	0.72, 0.08, 0.00, 0.47
HSL	187°, 56%, 34%
HSV	187°, 72%, 53%
XYZ	12.3802, 16.5766, 25.4688
YIQ	99.5400, -54.7870, -14.8110

Conversions

Conversions Part 2

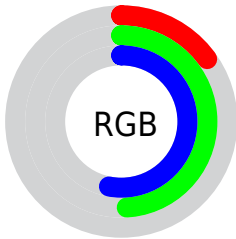
Format	Color
R_{YB}	38, 84, 135
Decimal	2522247
CIE _{Lab}	47.72, -21.21, -13.36
CIE _{LCh}	48, 25.069, 212.212
Yxy	16.5766, 0.2275, 0.3046
Android (android.graphics.Color)	4280712327 (0xFF267C87)
YUV	99.5400, 17.4818, -53.9706
Hunter-Lab	40.7144, -16.9732, -8.5886

Details

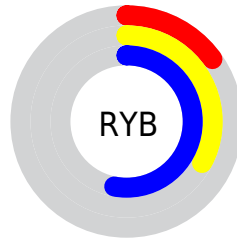
The Hex color **267C87** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **873126**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **62B1BC**, and **004B55** is the 20% darker color. If you saturate the color by 10%, you get **197A87**, and if you desaturate by 10%, it is **347E87**.

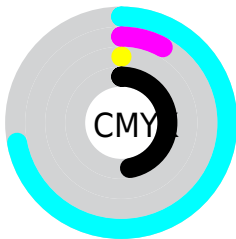
Distribution



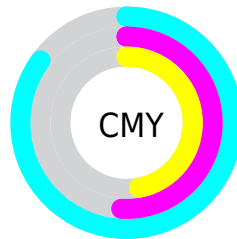
- Red (15%)
- Green (49%)
- Blue (53%)



- Red (15%)
- Yellow (33%)
- Blue (53%)



- Cyan (72%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (85%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 267C87 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 267C87 by changing the saturation by 10% instead.

 267C87

 267C87

FFFFFF

 00636E

 62B1BC

 004B55

 7ECCD8

 00343E

 9AE9F4

 002028

 B6FFFF

 000114

 D3FFFF

 000000

 F1FFFF

 267C87

 267C87

 197A87

 347E87

0B7987

417F87

007887

4F8187

5C8287

6A8487

778587

858787

928887

A08A87

Harmonies

Analogous

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



357D72



267C87



367996

Triad

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



267C87



8D6485



7E7047

Complementary

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



267C87



873126

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.



90694C



267C87



9A6170

Square

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



267C87



766B95



9A635C



68774D

Rectangle

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



267C87



4B759B



9A635C



856E47

Sweetspot

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



267C87



89ACB0



268730



425759



D9D9D9



595959

Same Dimension

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



267C87



199FB0



264D87



3C4242



007382



000203

Inverse Universe

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



87267C



B0199F



876026



423C42



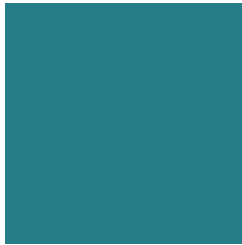
820073



030002

Previews

White Background



This preview shows how the Hex color 267C87 looks on a white background.

Color Contrast Check

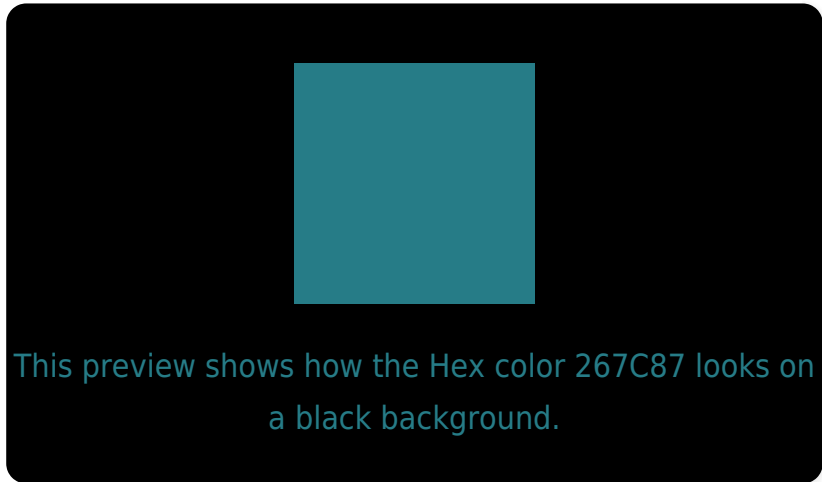
Large Text (above 18pt) WCAG AA ✓ Pass

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

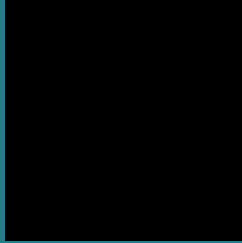
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 267C87 Background



This preview shows how black text looks on a background with the Hex color 267C87.

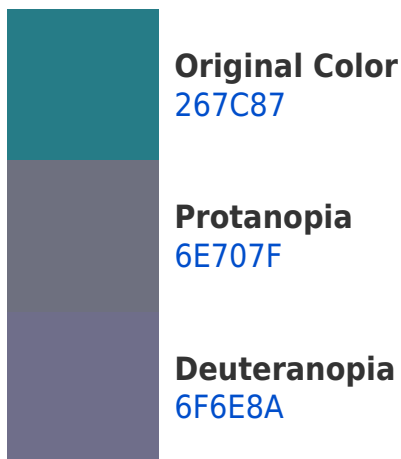


This preview shows how white text looks on a background with the Hex color 267C87.

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
257C86

Trichromacy



Original Color
267C87

Protanomaly
547482

Deuteranomaly
547389

Tritanomaly
257C86

Monochromacy



Original Color
267C87

Achromatopsia
646464

Achromatomaly
4D6D71

CSS Examples

Text

The CSS property to change the color of the text to Hex 267C87 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 #267C87 looks like.

```
.text, #text, p{  
    color:#267C87  
}
```

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 #267C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267C87
}
```

Border

The CSS property to change the border of an element to Hex 267C87 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
#267C87 }
```

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

```
.border{ border-color:#267C87 }
```

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

Here you see how a box with a 4 pixel #267C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267C87; -webkit-box-shadow:4px 4px  
4px 4px #267C87; box-shadow:4px 4px 4px  
4px #267C87 }
```

Background

The CSS property to change the background color of an element to Hex 267C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267C87 }
```

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

```
.background{ background-color:#267C87 }
```

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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