

Converting Colors

Hex(26977B)

Have a look what the booklet for
Hex(26977B) contains.

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Color

Hex(26977B)

Conversions

Conversions Part 1

Format	Color
Hex	26977B
RGB	38, 151, 123
RGB Percent	15%, 59%, 48%
CMY	0.8510, 0.4078, 0.5176
CMYK	0.75, 0.00, 0.19, 0.41
HSL	165°, 60%, 37%
HSV	165°, 75%, 59%
XYZ	15.4411, 23.9753, 22.5528
YIQ	114.0210, -58.3600, -32.6640

Conversions

Conversions Part 2

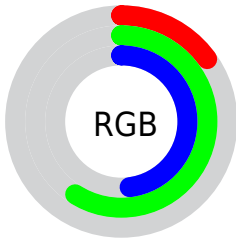
Format	Color
R_{YB}	38, 102, 151
Decimal	2529147
CIE _{Lab}	56.06, -37.79, 5.91
CIE _{LCh}	56, 38.252, 171.108
Yxy	23.9753, 0.2492, 0.3869
Android (android.graphics.Color)	4280719227 (0xFF26977B)
YUV	114.0210, 4.4266, -66.6704
Hunter-Lab	48.9646, -29.3978, 6.9667

Details

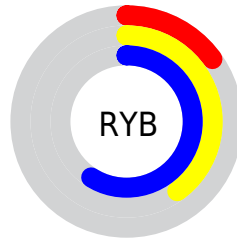
The Hex color **26977B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **972642**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **65CEAF**, and **00634A** is the 20% darker color. If you saturate the color by 10%, you get **179777**, and if you desaturate by 10%, it is **35977F**.

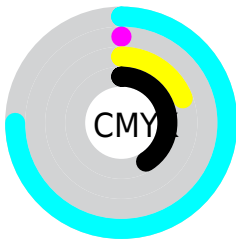
Distribution



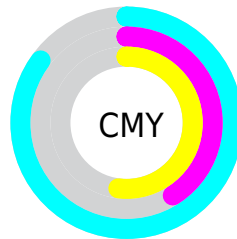
- Red (15%)
- Green (59%)
- Blue (48%)



- Red (15%)
- Yellow (40%)
- Blue (59%)



- Cyan (75%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)



- Cyan (85%)
- Magenta (41%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26977B 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 26977B by changing the saturation by 10% instead.

 26977B

 26977B

FFFFFF

 007D62

 65CEAF

 00634A

 82EACB

 004A34

 9EFFE7

 00331F

 BBFFFF

 001E07

 D8FFFF

 000000

 F6FFFF

 26977B

 26977B

 179777

 35977F

089774

449782

009772

539786

62978A

72978E

819791

909795

9F9799

AE979D

Harmonies

Analogous

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



5D935B



26977B



00979D

Triad

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



26977B



7A81C4



BB7554

Complementary

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



26977B



972642

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.



C66C70



26977B



A675B0

Square

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



26977B



388DC8



BF6C92



A48144

Rectangle

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



26977B



0096B1



BF6C92



C0725C

Sweetspot

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



26977B



99C4BA



429726



4A635D



E3E3E3



636363

Same Dimension

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



26977B



14C499



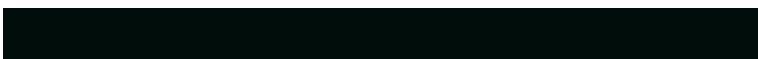
267B97



454D4B



008C69



000D0A

Inverse Universe

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



972642



C4143F



974226



4D4547



8C0023



0D0003

Previews

White Background



This preview shows how the Hex color 26977B looks on a white background.

Color Contrast Check

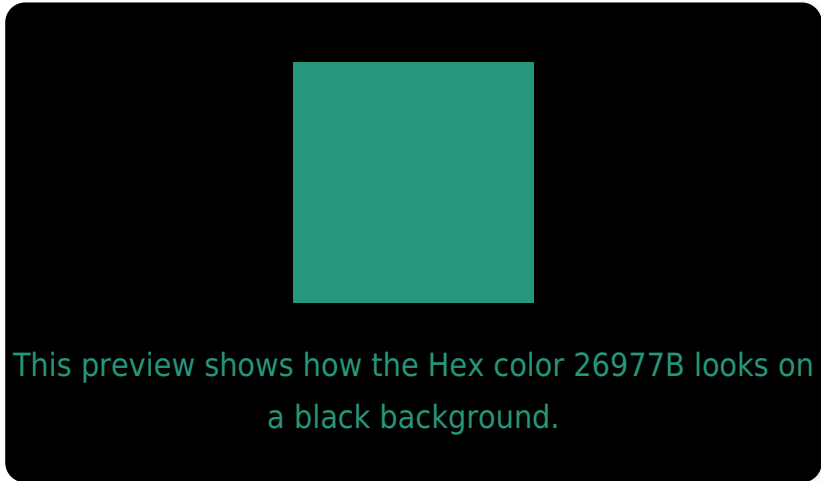
Large Text (above 18pt) WCAG AA ✓ Pass

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

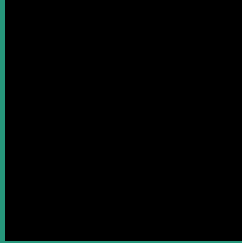
Any Text WCAG AA ✓ Pass

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 26977B Background



This preview shows how black text looks on a background with the Hex color 26977B.

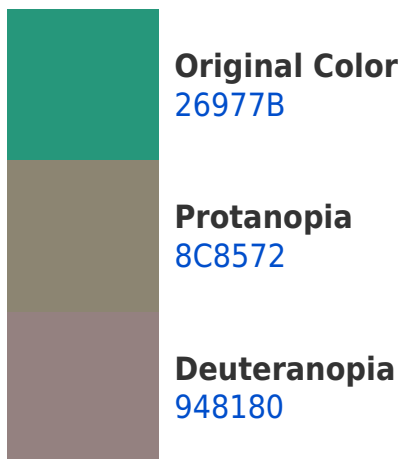


This preview shows how white text looks on a background with the Hex color 26977B.

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
39929E

Trichromacy



Original Color
26977B



Protanomaly
678C75



Deuteranomaly
6C897E



Tritanomaly
329491

Monochromacy



Original Color
26977B



Achromatopsia
727272



Achromatomaly
567F75

CSS Examples

Text

The CSS property to change the color of the text to Hex 26977B 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 #26977B looks like.

```
.text, #text, p{  
    color:#26977B  
}
```

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 #26977B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26977B
}
```

Border

The CSS property to change the border of an element to Hex 26977B 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
#26977B }
```

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

```
.border{ border-color:#26977B }
```

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

Here you see how a box with a 4 pixel #26977B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26977B; -webkit-box-shadow:4px 4px  
4px 4px #26977B; box-shadow:4px 4px 4px  
4px #26977B }
```

Background

The CSS property to change the background color of an element to Hex 26977B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26977B }
```

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

```
.background{ background-color:#26977B }
```

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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