

Converting Colors

Hex(25977C)

Have a look what the booklet for
Hex(25977C) contains.

Hex(25977C)	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(25977C)

Conversions

Conversions Part 1

Format	Color
Hex	25977C
RGB	37, 151, 124
RGB Percent	15%, 59%, 49%
CMY	0.8549, 0.4078, 0.5137
CMYK	0.75, 0.00, 0.18, 0.41
HSL	166°, 61%, 37%
HSV	166°, 75%, 59%
XYZ	15.4676, 23.9818, 22.8825
YIQ	113.8360, -59.2770, -32.5650

Conversions

Conversions Part 2

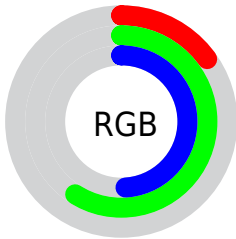
Format	Color
R_{YB}	37, 102, 151
Decimal	2463612
CIE _{Lab}	56.07, -37.66, 5.35
CIE _{LCh}	56, 38.042, 171.916
Yxy	23.9818, 0.2481, 0.3847
Android (android.graphics.Color)	4280653692 (0xFF25977C)
YUV	113.8360, 5.0109, -67.3852
Hunter-Lab	48.9712, -29.3200, 6.5757

Details

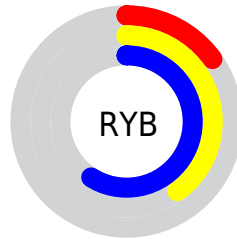
The Hex color **25977C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **972540**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **64CEB0**, and **00634B** is the 20% darker color. If you saturate the color by 10%, you get **169778**, and if you desaturate by 10%, it is **349780**.

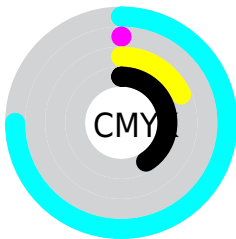
Distribution



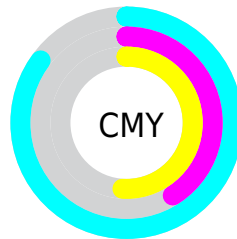
- Red (15%)
- Green (59%)
- Blue (49%)



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



- Cyan (75%)
- Magenta (0%)
- Yellow (18%)
- Black (41%)



- Cyan (85%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25977C 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 25977C by changing the saturation by 10% instead.

 25977C

 25977C

FFFFFF

 007D63

 64CEB0

 00634B

 81EACC

 004A35

 9EFFE8

 00331F

 BBFFFF

 001E08

 D8FFFF

 000000

 F6FFFF

 25977C

 25977C

 169778

 349780

079775

439783

009773

529787

61978A

70978E

809791

8F9795

9E9799

AD979C

Harmonies

Analogous

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



5C935C



25977C



00979E

Triad

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



25977C



7C81C4



BA7653

Complementary

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



25977C



972540

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.



C56D6F



25977C



A775B0

Square

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



25977C



3B8CC7



C06C91



A38144

Rectangle

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



25977C



0096B2



C06C91



C0725C

Sweetspot

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



25977C



97C4BA



429725



48635D



E3E3E3



636363

Same Dimension

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



25977C



12C49A



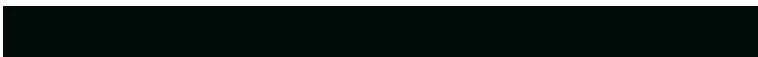
257B97



454D4B



008C6B



000D0A

Inverse Universe

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



972540



C4123C



974225



4D4547



8C0021



0D0003

Previews

White Background



This preview shows how the Hex color 25977C looks on a white background.

Color Contrast Check

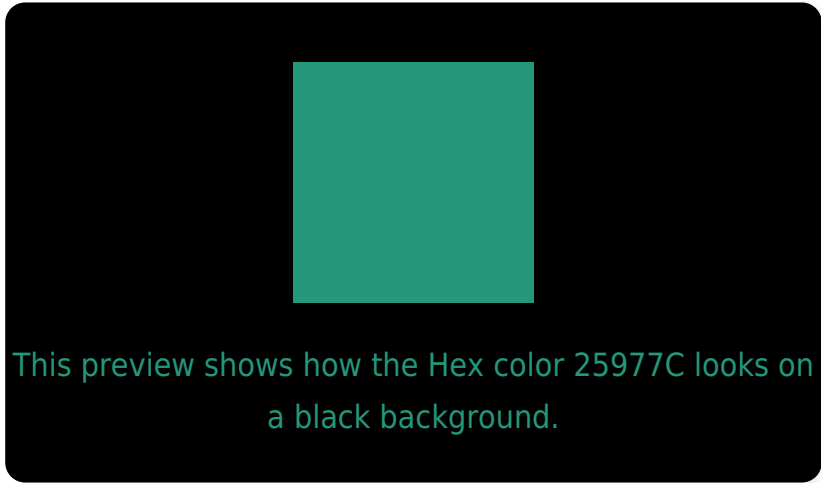
Large Text (above 18pt) WCAG AA ✓ Pass

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

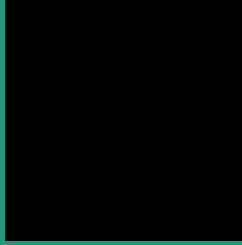
Any Text WCAG AA ✓ Pass

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 25977C Background



This preview shows how black text looks on a background with the Hex color 25977C.

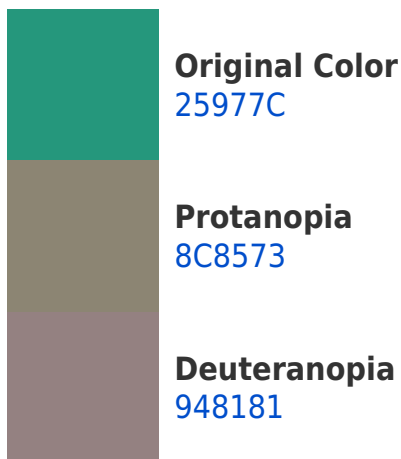


This preview shows how white text looks on a background with the Hex color 25977C.

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
38929E

Trichromacy



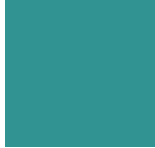
Original Color
25977C



Protanomaly
678C76



Deuteranomaly
6C897F



Tritanomaly
319492

Monochromacy



Original Color
25977C



Achromatopsia
727272



Achromatomaly
567F76

CSS Examples

Text

The CSS property to change the color of the text to Hex 25977C 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 #25977C looks like.

```
.text, #text, p{  
    color:#25977C  
}
```

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 #25977C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25977C
}
```

Border

The CSS property to change the border of an element to Hex 25977C 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
#25977C }
```

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

```
.border{ border-color:#25977C }
```

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

Here you see how a box with a 4 pixel #25977C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25977C; -webkit-box-shadow:4px 4px  
4px 4px #25977C; box-shadow:4px 4px 4px  
4px #25977C }
```

Background

The CSS property to change the background color of an element to Hex 25977C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25977C }
```

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

```
.background{ background-color:#25977C }
```

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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