

Converting Colors

Hex(24927E)

Have a look what the booklet for
Hex(24927E) contains.

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Color

Hex(24927E)

Conversions

Conversions Part 1

Format	Color
Hex	24927E
RGB	36, 146, 126
RGB Percent	14%, 57%, 49%
CMY	0.8588, 0.4275, 0.5059
CMYK	0.75, 0.00, 0.14, 0.43
HSL	169°, 60%, 36%
HSV	169°, 75%, 57%
XYZ	14.7723, 22.4392, 23.2913
YIQ	110.8300, -59.1400, -29.5400

Conversions

Conversions Part 2

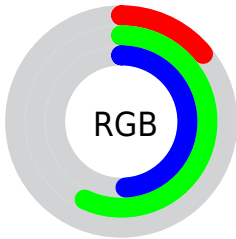
Format	Color
RYB	36, 97, 146
Decimal	2396798
CIELab	54.49, -35.01, 1.92
CIElCh	54, 35.061, 176.857
Yxy	22.4392, 0.2442, 0.3709
Android (android.graphics.Color)	4280586878 (0xFF24927E)
YUV	110.8300, 7.4788, -65.6259
Hunter-Lab	47.3700, -27.2324, 4.0068

Details

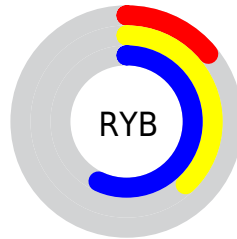
The Hex color **24927E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **922438**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **63C9B3**, and **005F4D** is the 20% darker color. If you saturate the color by 10%, you get **15927B**, and if you desaturate by 10%, it is **339281**.

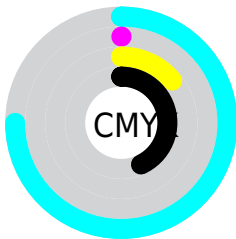
Distribution



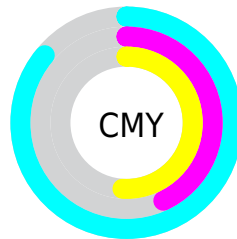
- Red (14%)
- Green (57%)
- Blue (49%)



- Red (14%)
- Yellow (38%)
- Blue (57%)



- Cyan (75%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (86%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24927E 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 24927E by changing the saturation by 10% instead.

 24927E

 24927E

FFFFFF

 007865

 63C9B3

 005F4D

 80E5CE

 004636

 9CFFEA

 002F21

 B9FFFF

 00190B

 D6FFFF

 000000

 F4FFFF

 24927E

 24927E

 15927B

 339281

079279

419283

009277

509286

5E9289

6D928B

7C928E

8A9291

999293

A79296

Harmonies

Analogous

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



558F60



24927E



00929D

Triad

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



24927E



817CB8



B07550

Complementary

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



24927E



922438

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.



BC6C69



24927E



A571A4

Square

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



24927E



4C86BE



B96A87



987F45

Rectangle

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



24927E



0090AE



B96A87



B57157

Sweetspot

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



24927E



91BDB5



389224



445E5A



DEDEDE



5E5E5E

Same Dimension

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



24927E



13BD9E



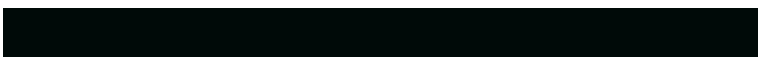
246F92



434A49



008A71



000A08

Inverse Universe

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



922438



BD1332



924724



4A4344



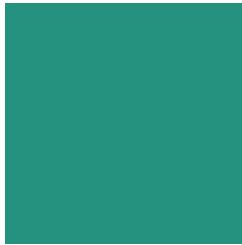
8A0019



0A0002

Previews

White Background



This preview shows how the Hex color 24927E looks on a white background.

Color Contrast Check

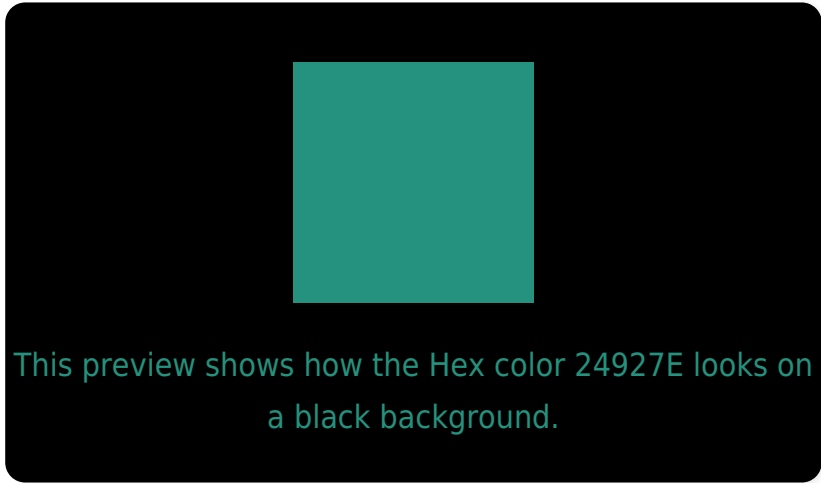
Large Text (above 18pt) WCAG AA ✓ Pass

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

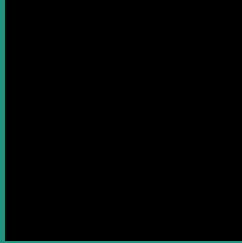
Any Text WCAG AA ✓ Pass

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 24927E Background



This preview shows how black text looks on a background with the Hex color 24927E.

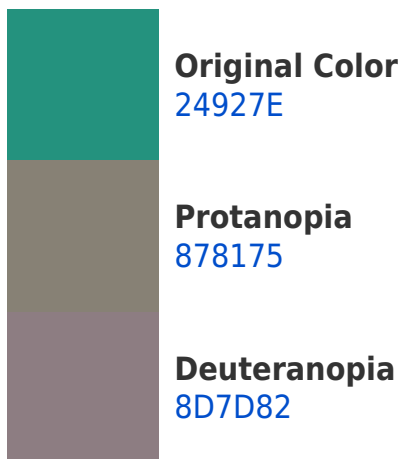


This preview shows how white text looks on a background with the Hex color 24927E.

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



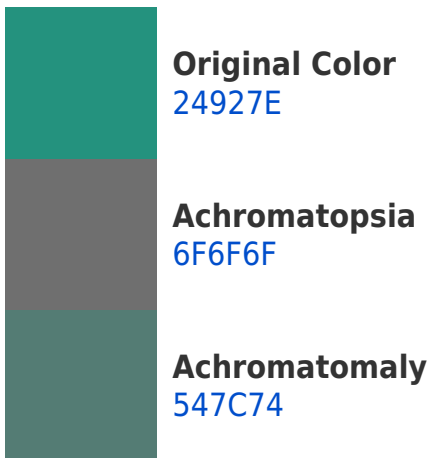


Tritanopia
348E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24927E 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 #24927E looks like.

```
.text, #text, p{  
    color:#24927E  
}
```

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 #24927E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24927E
}
```

Border

The CSS property to change the border of an element to Hex 24927E 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
#24927E }
```

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

```
.border{ border-color:#24927E }
```

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

Here you see how a box with a 4 pixel #24927E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24927E; -webkit-box-shadow:4px 4px  
4px 4px #24927E; box-shadow:4px 4px 4px  
4px #24927E }
```

Background

The CSS property to change the background color of an element to Hex 24927E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24927E }
```

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

```
.background{ background-color:#24927E }
```

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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