

Converting Colors

Hex(24727C)

Have a look what the booklet for
Hex(24727C) contains.

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Color

Hex(24727C)

Conversions

Conversions Part 1

Format	Color
Hex	24727C
RGB	36, 114, 124
RGB Percent	14%, 45%, 49%
CMY	0.8588, 0.5529, 0.5137
CMYK	0.71, 0.08, 0.00, 0.51
HSL	187°, 55%, 31%
HSV	187°, 71%, 49%
XYZ	10.3830, 13.8649, 21.1977
YIQ	91.8180, -49.6980, -13.4260

Conversions

Conversions Part 2

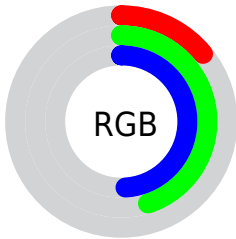
Format	Color
RYB	36, 77, 124
Decimal	2388604
CIELab	44.04, -19.77, -12.40
CIELCh	44, 23.336, 212.098
Yxy	13.8649, 0.2285, 0.3051
Android (android.graphics.Color)	4280578684 (0xFF24727C)
YUV	91.8180, 15.8657, -48.9524
Hunter-Lab	37.2356, -15.3886, -7.6880

Details

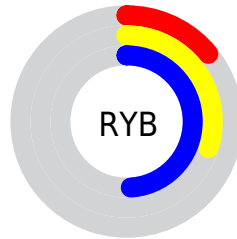
The Hex color **24727C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C2E24**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5EA6B1**, and **00424B** is the 20% darker color. If you saturate the color by 10%, you get **18717C**, and if you desaturate by 10%, it is **30737C**.

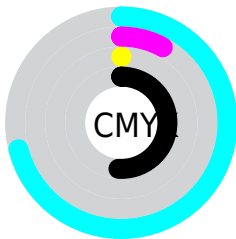
Distribution



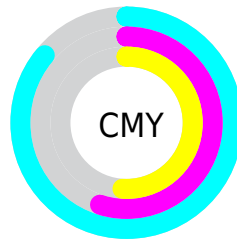
- Red (14%)
- Green (45%)
- Blue (49%)



- Red (14%)
- Yellow (30%)
- Blue (49%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (86%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24727C 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 24727C by changing the saturation by 10% instead.

■ 24727C

■ 24727C

FFFFFF

■ 005963

■ 5EA6B1

■ 00424B

■ 79C1CC

■ 002B35

■ 95DDE8

■ 00181F

■ B1FAFF

■ 000005

■ CEFFFF

■ 000000

■ EBFFFF

■ 24727C

■ 24727C

■ 18717C

■ 30737C

0B6F7C

3D757C

006E7C

49767C

56787C

62797C

6E7A7C

7B7C7C

877D7C

947F7C

Harmonies

Analogous

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



327369



24727C



326F8A

Triad

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



24727C



825C7B



746741

Complementary

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



24727C



7C2E24

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.



846146



24727C



8D5967

Square

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



24727C



6C6389



8D5B54



5F6D47

Rectangle

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



24727C



466C8E



8D5B54



7A6542

Sweetspot

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



24727C



7F9DA1



247C2D



3D4F52



D1D1D1



525252

Same Dimension

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



24727C



1891A1



24477C



373D3D



006F7D



00E0FC

Inverse Universe

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



7C2472



A11891



7C5924



3D373D



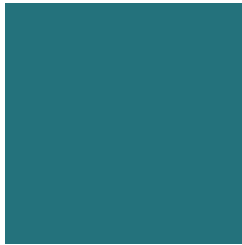
7D006F



FC00E0

Previews

White Background



This preview shows how the Hex color 24727C looks on a white background.

Color Contrast Check

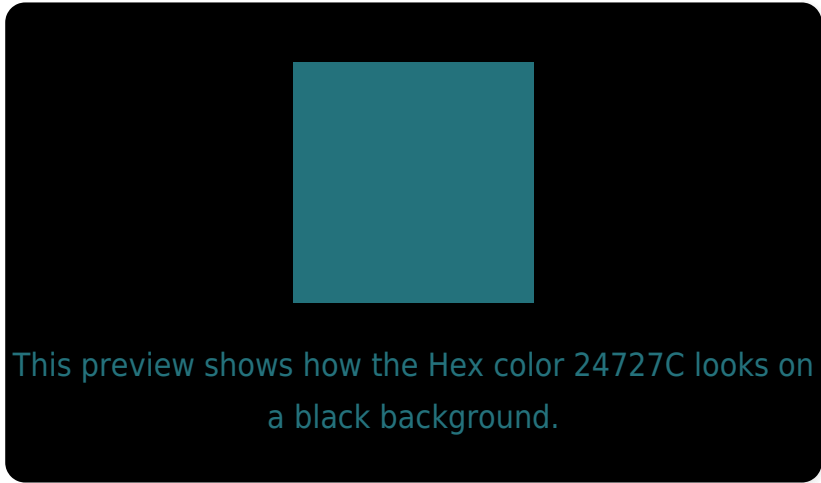
Large Text (above 18pt) WCAG AA ✓ Pass

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

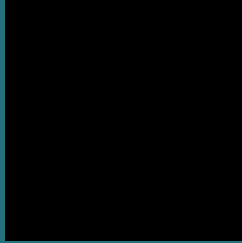
Any Text WCAG AA × Fail

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 24727C Background



This preview shows how black text looks on a background with the Hex color 24727C.

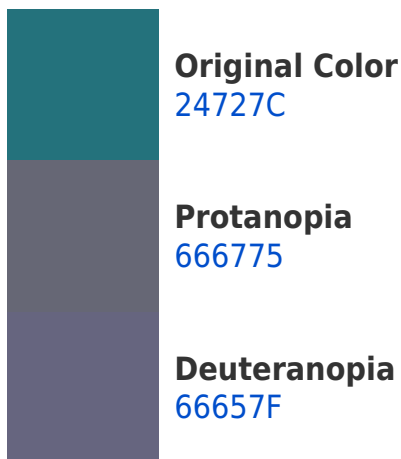


This preview shows how white text looks on a background with the Hex color 24727C.

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
24727B

Trichromacy



Original Color
24727C

Protanomaly
4E6B78

Deuteranomaly
4E6A7E

Tritanomaly
24727B

Monochromacy



Original Color
24727C

Achromatopsia
5C5C5C

Achromatomaly
486468

CSS Examples

Text

The CSS property to change the color of the text to Hex 24727C 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 #24727C looks like.

```
.text, #text, p{  
    color:#24727C  
}
```

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 #24727C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24727C
}
```

Border

The CSS property to change the border of an element to Hex 24727C is called "border". The border property can be set on classes, ids or directly on the HTML element.

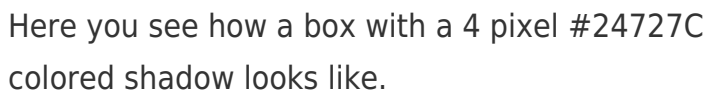
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24727C }
```

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

```
.border{ border-color:#24727C }
```

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



Here you see how a box with a 4 pixel #24727C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24727C; -webkit-box-shadow:4px 4px  
4px 4px #24727C; box-shadow:4px 4px 4px  
4px #24727C }
```

Background

The CSS property to change the background color of an element to Hex 24727C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24727C }
```

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

```
.background{ background-color:#24727C }
```

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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