

Converting Colors

Hex(227071)

Have a look what the booklet for
Hex(227071) contains.

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Color

Hex(227071)

Conversions

Conversions Part 1

Format	Color
Hex	227071
RGB	34, 112, 113
RGB Percent	13%, 44%, 44%
CMY	0.8667, 0.5608, 0.5569
CMYK	0.70, 0.01, 0.00, 0.56
HSL	181°, 54%, 29%
HSV	181°, 70%, 44%
XYZ	9.4345, 13.1207, 17.6581
YIQ	88.7920, -46.8090, -16.2250

Conversions

Conversions Part 2

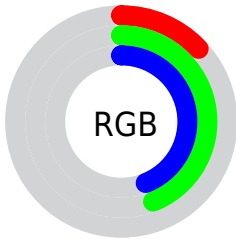
Format	Color
RYB	34, 73, 113
Decimal	2257009
CIELab	42.94, -22.56, -7.44
CIELCh	43, 23.759, 198.244
Yxy	13.1207, 0.2346, 0.3263
Android (android.graphics.Color)	4280447089 (0xFF227071)
YUV	88.7920, 11.9345, -48.0526
Hunter-Lab	36.2225, -16.8973, -3.5475

Details

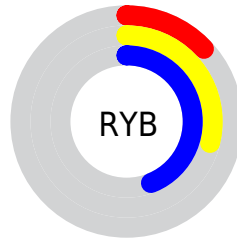
The Hex color **227071** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **712322**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5BA4A5**, and **004041** is the 20% darker color. If you saturate the color by 10%, you get **177071**, and if you desaturate by 10%, it is **2D7071**.

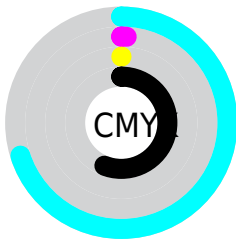
Distribution



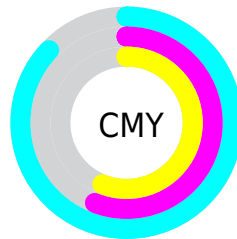
- Red (13%)
- Green (44%)
- Blue (44%)



- Red (13%)
- Yellow (29%)
- Blue (44%)



- Cyan (70%)
- Magenta (1%)
- Yellow (0%)
- Black (56%)



- Cyan (87%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227071 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 227071 by changing the saturation by 10% instead.

■ 227071

■ 227071

FFFFFF

■ 005759

■ 5BA4A5

■ 004041

■ 76BFC0

■ 00292B

■ 92DBDC

■ 001317

■ AEF8F8

■ 000000

■ CAFFFF

■ E7FFFF

■ 227071

■ 227071

■ 177071

■ 2D7071

■ 0B7071

■ 397071

■ 007071

■ 447071

■ 4F7171

■ 5A7171

■ 667171

■ 717171

■ 7C7171

■ 887171

Harmonies

Analogous

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



38705D



227071



226E82

Triad

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



227071



775C80



7A623F

Complementary

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



227071



712322

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.



875B49



227071



87576E

Square

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



227071



5D638B



8C575A



676840

Rectangle

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



227071



336B89



8C575A



7F5F41

Sweetspot

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



227071



759494



227122



374A4A



C9C9C9



4A4A4A

Same Dimension

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



227071



189294



224A71



323838



007678



00F4F7

Inverse Universe

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



712270



941892



714A22



383238



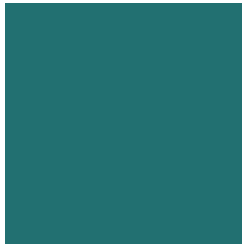
780076



F700F4

Previews

White Background



This preview shows how the Hex color 227071 looks on a white background.

Color Contrast Check

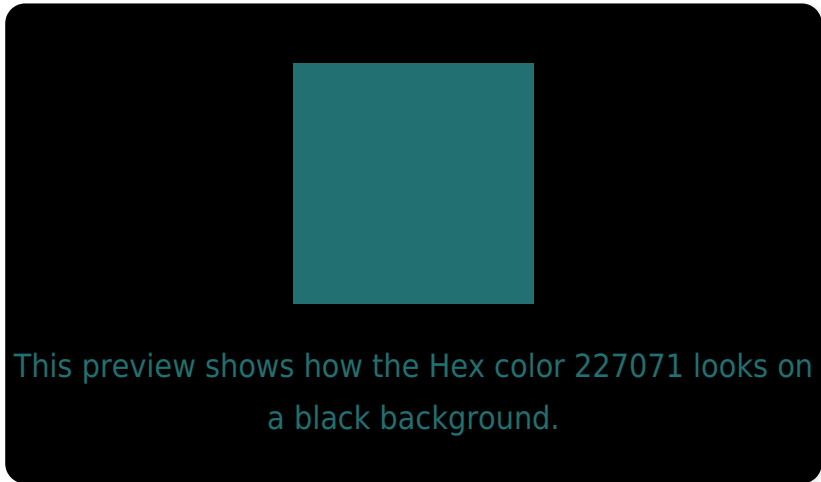
Large Text (above 18pt) WCAG AA ✓ Pass

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

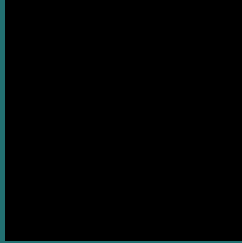
Any Text WCAG AA × Fail

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 227071 Background



This preview shows how black text looks on a background with the Hex color 227071.

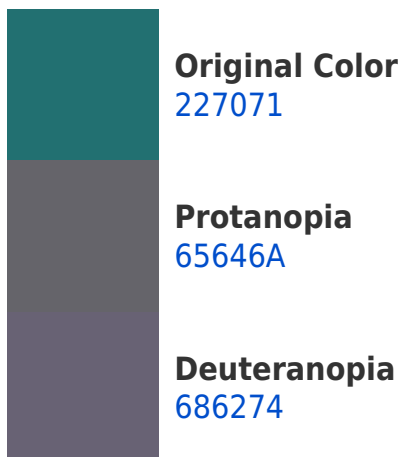


This preview shows how white text looks on a background with the Hex color 227071.

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](#).

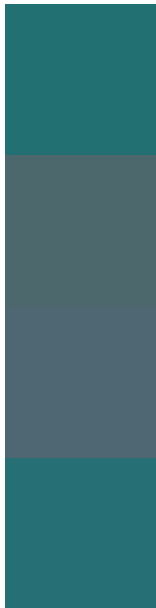
Dichromacy





Tritanopia
266F78

Trichromacy



Original Color
227071

Protanomaly
4D686D

Deuteranomaly
4F6773

Tritanomaly
256F75

Monochromacy



Original Color
227071

Achromatopsia
595959

Achromatomaly
456162

CSS Examples

Text

The CSS property to change the color of the text to Hex 227071 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 #227071 looks like.

```
.text, #text, p{  
    color:#227071  
}
```

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 #227071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227071
}
```

Border

The CSS property to change the border of an element to Hex 227071 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
#227071 }
```

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

```
.border{ border-color:#227071 }
```

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

Here you see how a box with a 4 pixel #227071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227071; -webkit-box-shadow:4px 4px  
4px 4px #227071; box-shadow:4px 4px 4px  
4px #227071 }
```

Background

The CSS property to change the background color of an element to Hex 227071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227071 }
```

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

```
.background{ background-color:#227071 }
```

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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