

Converting Colors

Hex(227C6D)

Have a look what the booklet for
Hex(227C6D) contains.

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Color

Hex(227C6D)

Conversions

Conversions Part 1

Format	Color
Hex	227C6D
RGB	34, 124, 109
RGB Percent	13%, 49%, 43%
CMY	0.8667, 0.5137, 0.5725
CMYK	0.73, 0.00, 0.12, 0.51
HSL	170°, 57%, 31%
HSV	170°, 73%, 49%
XYZ	10.6277, 15.8595, 16.9691
YIQ	95.3800, -48.8250, -23.7450

Conversions

Conversions Part 2

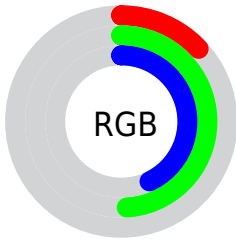
Format	Color
RYB	34, 83, 124
Decimal	2260077
CIELab	46.79, -29.76, 0.63
CIElCh	47, 29.770, 178.789
Yxy	15.8595, 0.2446, 0.3650
Android (android.graphics.Color)	4280450157 (0xFF227C6D)
YUV	95.3800, 6.7147, -53.8303
Hunter-Lab	39.8240, -22.0565, 2.6133

Details

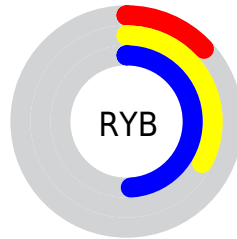
The Hex color **227C6D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C2231**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5DB1A0**, and **004A3E** is the 20% darker color. If you saturate the color by 10%, you get **167C6B**, and if you desaturate by 10%, it is **2E7C6F**.

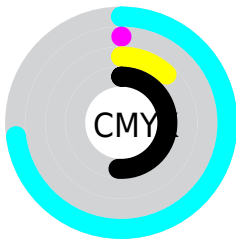
Distribution



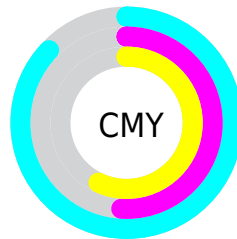
- Red (13%)
- Green (49%)
- Blue (43%)



- Red (13%)
- Yellow (33%)
- Blue (49%)



- Cyan (73%)
- Magenta (0%)
- Yellow (12%)
- Black (51%)



- Cyan (87%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227C6D 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 227C6D by changing the saturation by 10% instead.

 227C6D

 227C6D

FFFFFF

 006355

 5DB1A0

 004A3E

 78CDBB

 003328

 94E9D7

 002013

 B0FFF4


 000000

 CDFFFF

 EAFFFF

 227C6D

 227C6D

 167C6B

 2E7C6F

■ 097C69

■ 3B7C71

■ 007C67

■ 477C73

■ 547C75

■ 607C77

■ 6C7C79

■ 797C7B

■ 857C7E

■ 927C80

Harmonies

Analogous

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



487A54



227C6D



007C86

Triad

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



227C6D



70699B



946445

Complementary

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



227C6D



7C2231

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.



9E5D58



227C6D



8D6089

Square

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



227C6D



4772A1



9D5B71



806D3C

Rectangle

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



227C6D



007A94



9D5B71



98624A

Sweetspot

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



227C6D



7DA19B



317C22



3C524E



D1D1D1



525252

Same Dimension

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



227C6D



15A189



225F7C



373D3C



007D68



00FCD2

Inverse Universe

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



7C2231



A1152C



7C4022



3D3738



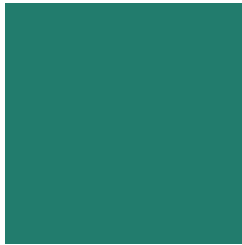
7D0015



FC002A

Previews

White Background



This preview shows how the Hex color 227C6D looks on a white background.

Color Contrast Check

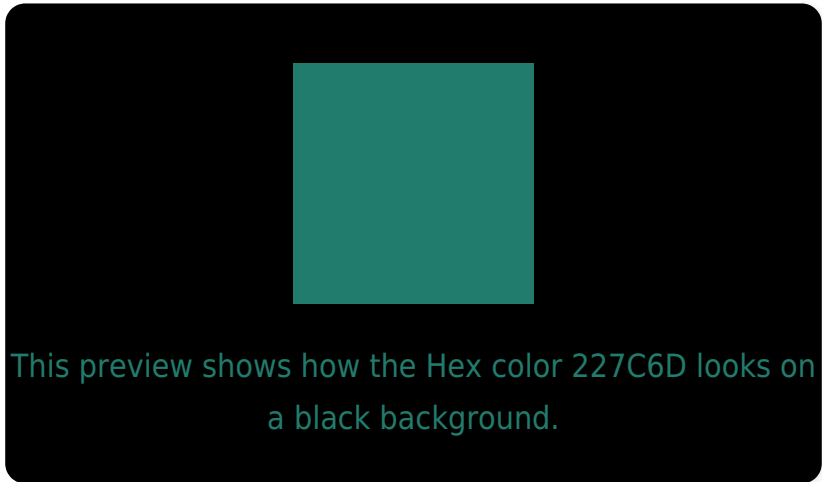
Large Text (above 18pt) WCAG AA ✓ Pass

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

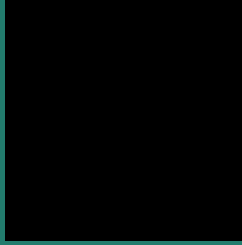
Any Text WCAG AA × Fail

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 227C6D Background



This preview shows how black text looks on a background with the Hex color 227C6D.

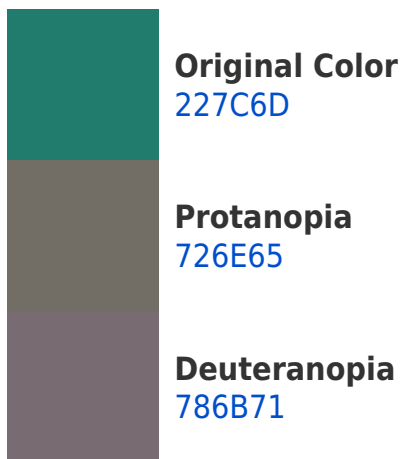


This preview shows how white text looks on a background with the Hex color 227C6D.

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
2E7983

Trichromacy



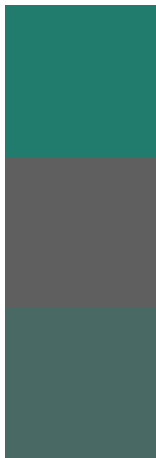
Original Color
227C6D

Protanomaly
557368

Deuteranomaly
597170

Tritanomaly
2A7A7B

Monochromacy



Original Color
227C6D

Achromatopsia
5F5F5F

Achromatomaly
496A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 227C6D 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 #227C6D looks like.

```
.text, #text, p{  
    color:#227C6D  
}
```

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 #227C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227C6D
}
```

Border

The CSS property to change the border of an element to Hex 227C6D 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
#227C6D }
```

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

```
.border{ border-color:#227C6D }
```

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

Here you see how a box with a 4 pixel #227C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227C6D; -webkit-box-shadow:4px 4px  
4px 4px #227C6D; box-shadow:4px 4px 4px  
4px #227C6D }
```

Background

The CSS property to change the background color of an element to Hex 227C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227C6D }
```

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

```
.background{ background-color:#227C6D }
```

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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