

Converting Colors

Hex(227577)

Have a look what the booklet for
Hex(227577) contains.

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Color

Hex(227577)

Conversions

Conversions Part 1

Format	Color
Hex	227577
RGB	34, 117, 119
RGB Percent	13%, 46%, 47%
CMY	0.8667, 0.5412, 0.5333
CMYK	0.71, 0.02, 0.00, 0.53
HSL	181°, 56%, 30%
HSV	181°, 71%, 47%
XYZ	10.3508, 14.3946, 19.6857
YIQ	92.4110, -50.1100, -16.9740

Conversions

Conversions Part 2

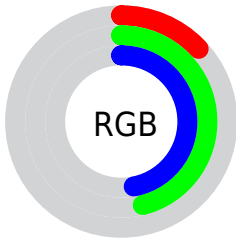
Format	Color
RYB	34, 76, 119
Decimal	2258295
CIELab	44.79, -23.27, -8.27
CIELCh	45, 24.698, 199.574
Yxy	14.3946, 0.2330, 0.3240
Android (android.graphics.Color)	4280448375 (0xFF227577)
YUV	92.4110, 13.1084, -51.2264
Hunter-Lab	37.9402, -17.6974, -4.2051




Details

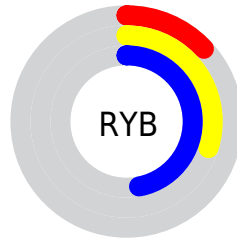
The Hex color **227577** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **772422**, and the grayscale version is **5C5C5C**.




A 20% lighter version of the original color is **5CA9AB**, and **004447** is the 20% darker color. If you saturate the color by 10%, you get **167577**, and if you desaturate by 10%, it is **2E7577**.

Distribution







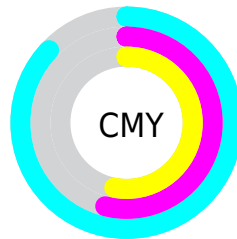
-  Red (13%)
-  Green (46%)
-  Blue (47%)






-  Red (13%)
-  Yellow (30%)
-  Blue (47%)



-  Cyan (71%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (87%)
-  Magenta (54%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227577 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 227577 by changing the saturation by 10% instead.

 227577

 227577

FFFFFF

 005C5E

 5CA9AB

 004447

 78C5C6

 002D30

 94E1E2

 001A1B

 B0FEFF

 000000

 CDFFFF

 EAFFFF

 227577

 227577

 167577

 2E7577

■ 0A7477

■ 3A7677

■ 007477

■ 467677

■ 527677

■ 5E7677

■ 697777

■ 757777

■ 817777

■ 8D7877

Harmonies

Analogous

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



397562



227577



247389

Triad

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



227577



7D6085



7E6642

Complementary

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



227577



772422

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.



8D5F4B



227577



8E5B72

Square

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



227577



626791



935B5D



6A6D43

Rectangle

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



227577



377090



935B5D



846444

Sweetspot

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



227577



7B9B9C



227723



3B4F4F



CFCFCF



4F4F4F

Same Dimension

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



227577



16989C



224B77



353B3B



00787A



00F4FA

Inverse Universe

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



772275



9C1698



774E22



3B353B



7A0078



FA00F4

Previews

White Background



This preview shows how the Hex color 227577 looks on a white background.

Color Contrast Check

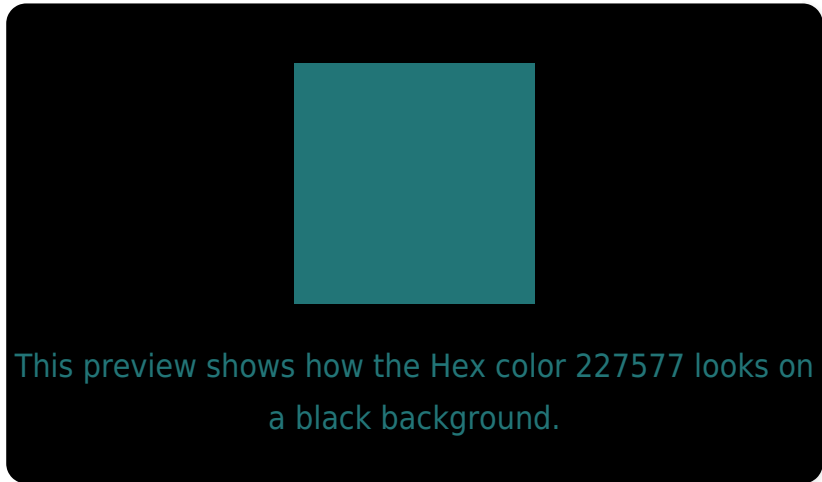
Large Text (above 18pt) WCAG AA ✓ Pass

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

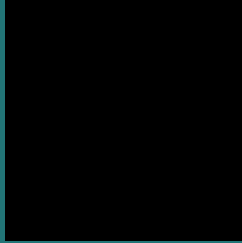
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

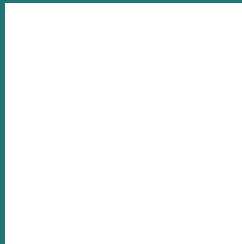
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 227577 Background



This preview shows how black text looks on a background with the Hex color 227577.

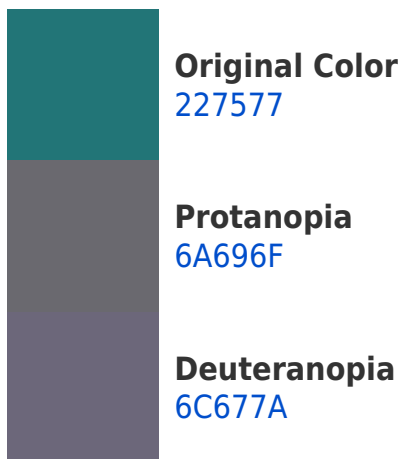


This preview shows how white text looks on a background with the Hex color 227577.

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](#).

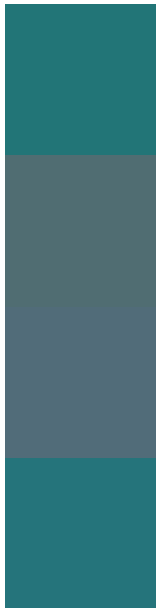
Dichromacy





Tritanopia
26747D

Trichromacy



Original Color
227577

Protanomaly
506D72

Deuteranomaly
516C79

Tritanomaly
25747B

Monochromacy



Original Color
227577

Achromatopsia
5C5C5C

Achromatomaly
476566

CSS Examples

Text

The CSS property to change the color of the text to Hex 227577 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 #227577 looks like.

```
.text, #text, p{  
  color:#227577  
}
```

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 #227577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227577
}
```

Border

The CSS property to change the border of an element to Hex 227577 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
#227577 }
```

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

```
.border{ border-color:#227577 }
```

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

Here you see how a box with a 4 pixel #227577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227577; -webkit-box-shadow:4px 4px  
4px 4px #227577; box-shadow:4px 4px 4px  
4px #227577 }
```

Background

The CSS property to change the background color of an element to Hex 227577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227577 }
```

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

```
.background{ background-color:#227577 }
```

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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