

Converting Colors

Hex(227675)

Have a look what the booklet for
Hex(227675) contains.

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Color

Hex(227675)

Conversions

Conversions Part 1

Format	Color
Hex	227675
RGB	34, 118, 117
RGB Percent	13%, 46%, 46%
CMY	0.8667, 0.5373, 0.5412
CMYK	0.71, 0.00, 0.01, 0.54
HSL	179°, 55%, 30%
HSV	179°, 71%, 46%
XYZ	10.3490, 14.5813, 19.0986
YIQ	92.7700, -49.7430, -18.1190

Conversions

Conversions Part 2

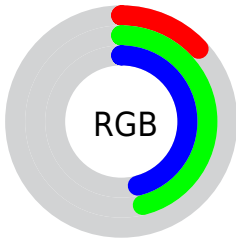
Format	Color
RYB	34, 76, 118
Decimal	2258549
CIELab	45.06, -24.41, -6.69
CIElCh	45, 25.311, 195.320
Yxy	14.5813, 0.2351, 0.3312
Android (android.graphics.Color)	4280448629 (0xFF227675)
YUV	92.7700, 11.9454, -51.5413
Hunter-Lab	38.1855, -18.4476, -2.9243

Details

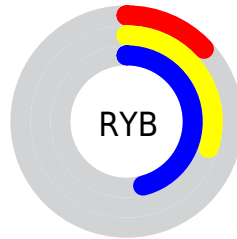
The Hex color **227675** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **762223**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5CABA9**, and **004545** is the 20% darker color. If you saturate the color by 10%, you get **167675**, and if you desaturate by 10%, it is **2E7675**.

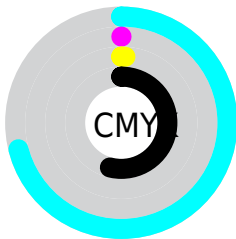
Distribution



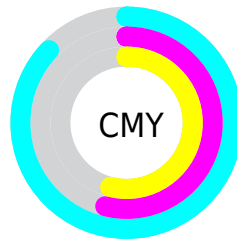
- Red (13%)
- Green (46%)
- Blue (46%)



- Red (13%)
- Yellow (30%)
- Blue (46%)



- Cyan (71%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 227675 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 227675 by changing the saturation by 10% instead.

 227675

 227675

FFFFFF

 005D5C

 5CABA9

 004545

 78C6C4

 002E2F

 94E2E0

 001B1A

 B0FFFD

 000000

 CCFFFF

 EAFFFF

 227675

 227675

 167675

 2E7675

■ 0A7675

■ 3A7675

■ 007675

■ 457675

■ 517676

■ 5D7676

■ 697676

■ 757676

■ 807676

■ 8C7676

Harmonies

Analogous

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



3C755F



227675



1E7488

Triad

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



227675



7B6188



826642

Complementary

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



227675



762223

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.



905F4E



227675



8D5C76

Square

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



227675



5E6993



945B60



6E6D41

Rectangle

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



227675



307190



945B60



876345

Sweetspot

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



227675



799999



237622



394D4C



CCCCCC



4D4D4D

Same Dimension

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



227675



179997



224D76



353B3B



007A79



00FAF7

Inverse Universe

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



762223



991718



764B22



3B3535



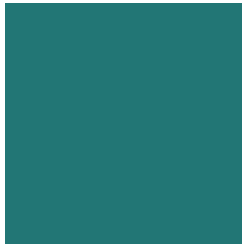
7A0001



FA0003

Previews

White Background



This preview shows how the Hex color 227675 looks on a white background.

Color Contrast Check

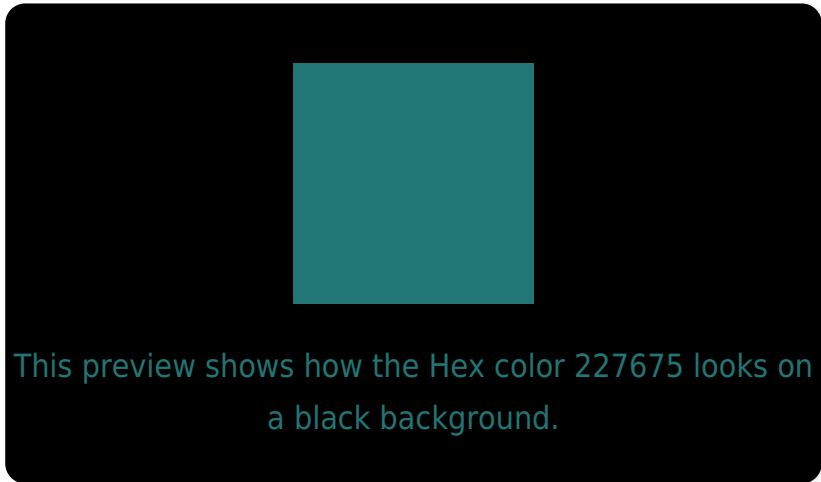
Large Text (above 18pt) WCAG AA ✓ Pass

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

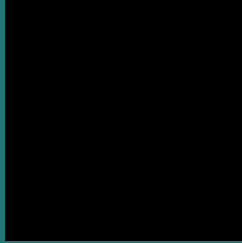
Any Text WCAG AA × Fail

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 227675 Background



This preview shows how black text looks on a background with the Hex color 227675.

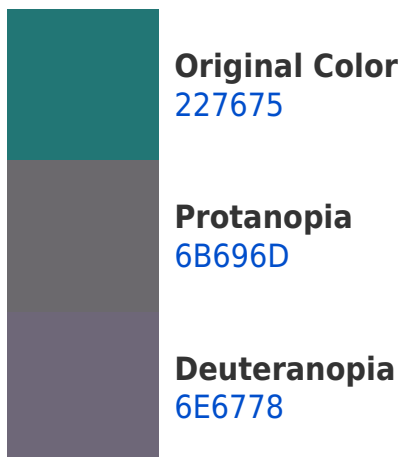


This preview shows how white text looks on a background with the Hex color 227675.

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
28757E

Trichromacy



Original Color
227675

Protanomaly
506E70

Deuteranomaly
526C77

Tritanomaly
26757B

Monochromacy



Original Color
227675

Achromatopsia
5D5D5D

Achromatomaly
486666

CSS Examples

Text

The CSS property to change the color of the text to Hex 227675 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 #227675 looks like.

```
.text, #text, p{  
    color:#227675  
}
```

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 #227675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227675
}
```

Border

The CSS property to change the border of an element to Hex 227675 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
#227675 }
```

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

```
.border{ border-color:#227675 }
```

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

Here you see how a box with a 4 pixel #227675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227675; -webkit-box-shadow:4px 4px  
4px 4px #227675; box-shadow:4px 4px 4px  
4px #227675 }
```

Background

The CSS property to change the background color of an element to Hex 227675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227675 }
```

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

```
.background{ background-color:#227675 }
```

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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