

Converting Colors

Hex(227373)

Have a look what the booklet for
Hex(227373) contains.

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Color

Hex(227373)

Conversions

Conversions Part 1

Format	Color
Hex	227373
RGB	34, 115, 115
RGB Percent	13%, 45%, 45%
CMY	0.8667, 0.5490, 0.5490
CMYK	0.70, 0.00, 0.00, 0.55
HSL	180°, 54%, 29%
HSV	180°, 70%, 45%
XYZ	9.8849, 13.8394, 18.3699
YIQ	90.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

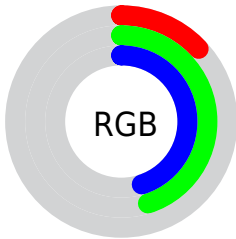
Format	Color
RYB	34, 75, 115
Decimal	2257779
CIELab	44.00, -23.49, -7.06
CIElCh	44, 24.532, 196.729
Yxy	13.8394, 0.2348, 0.3288
Android (android.graphics.Color)	4280447859 (0xFF227373)
YUV	90.7810, 11.9400, -49.7969
Hunter-Lab	37.2013, -17.6721, -3.2364

Details

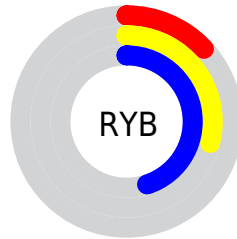
The Hex color **227373** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **732222**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5CA7A7**, and **004243** is the 20% darker color. If you saturate the color by 10%, you get **177373**, and if you desaturate by 10%, it is **2E7373**.

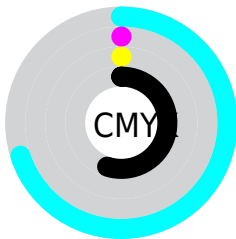
Distribution



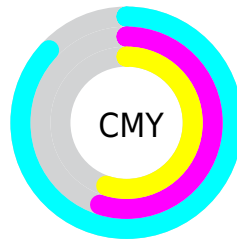
- Red (13%)
- Green (45%)
- Blue (45%)



- Red (13%)
- Yellow (29%)
- Blue (45%)



- Cyan (70%)
- Magenta (0%)
- Yellow (0%)
- Black (55%)



- Cyan (87%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227373 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 227373 by changing the saturation by 10% instead.

 227373

 227373

FFFFFF

 005A5A

 5CA7A7

 004243

 77C3C2

 002C2D

 93DFDE

 001718

 AFFBFA

 000000

 CBFFFF

 E8FFFF

 227373

 227373

 177373

 2E7373

0B7373

397373

007373

457373

507373

5C7373

677373

737373

7E7373

8A7373

Harmonies

Analogous

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



3A725E



227373



207185

Triad

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



227373



795F84



7E6441

Complementary

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



227373



732222

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.



8B5D4B



227373



8A5972

Square

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



227373



5D668F



90595D



6A6A40

Rectangle

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



227373



326E8D



90595D



836143

Sweetspot

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



227373



779696



227322



394D4D



CCCCCC



4D4D4D

Same Dimension

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



227373



179696



224B73



353B3B



007A7A



00FAFA

Inverse Universe

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



732273



961796



734B22



3B353B



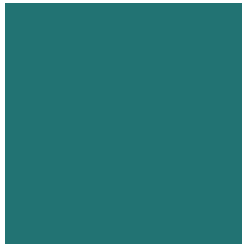
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 227373 looks on a white background.

Color Contrast Check

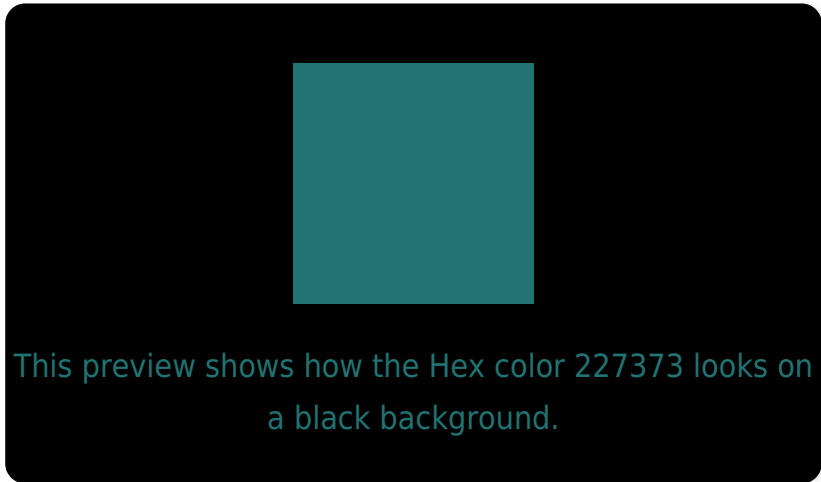
Large Text (above 18pt) WCAG AA ✓ Pass

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

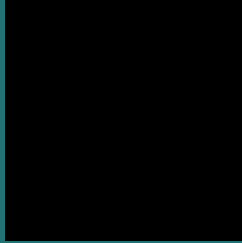
Any Text WCAG AA × Fail

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 227373 Background



This preview shows how black text looks on a background with the Hex color 227373.

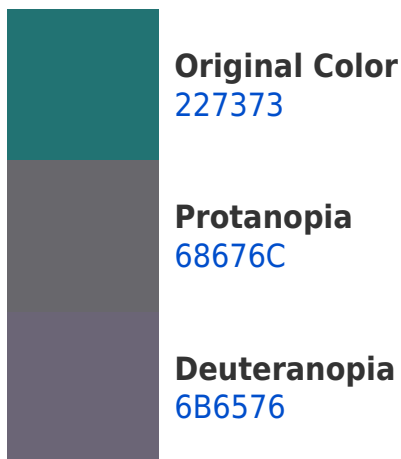


This preview shows how white text looks on a background with the Hex color 227373.

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
27727B

Trichromacy



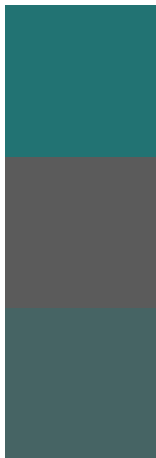
Original Color
227373

Protanomaly
4F6B6F

Deuteranomaly
506A75

Tritanomaly
257278

Monochromacy



Original Color
227373

Achromatopsia
5B5B5B

Achromatomaly
466464

CSS Examples

Text

The CSS property to change the color of the text to Hex 227373 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 #227373 looks like.

```
.text, #text, p{  
    color:#227373  
}
```

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 #227373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227373
}
```

Border

The CSS property to change the border of an element to Hex 227373 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
#227373 }
```

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

```
.border{ border-color:#227373 }
```

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

Here you see how a box with a 4 pixel #227373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227373; -webkit-box-shadow:4px 4px  
4px 4px #227373; box-shadow:4px 4px 4px  
4px #227373 }
```

Background

The CSS property to change the background color of an element to Hex 227373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227373 }
```

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

```
.background{ background-color:#227373 }
```

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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