

Converting Colors

Hex(237573)

Have a look what the booklet for
Hex(237573) contains.

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Color

Hex(237573)

Conversions

Conversions Part 1

Format	Color
Hex	237573
RGB	35, 117, 115
RGB Percent	14%, 46%, 45%
CMY	0.8627, 0.5412, 0.5490
CMYK	0.70, 0.00, 0.02, 0.54
HSL	179°, 54%, 30%
HSV	179°, 70%, 46%
XYZ	10.1489, 14.3177, 18.4483
YIQ	92.2540, -48.2300, -18.0060

Conversions

Conversions Part 2

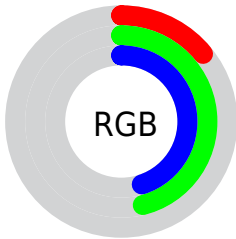
Format	Color
RYB	35, 77, 117
Decimal	2323827
CIELab	44.69, -24.37, -6.04
CIELCh	45, 25.103, 193.923
Yxy	14.3177, 0.2365, 0.3336
Android (android.graphics.Color)	4280513907 (0xFF237573)
YUV	92.2540, 11.2138, -50.2118
Hunter-Lab	37.8387, -18.3413, -2.4198

Details

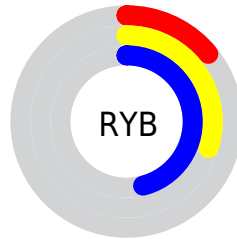
The Hex color **237573** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **752325**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5DA9A7**, and **004443** is the 20% darker color. If you saturate the color by 10%, you get **177573**, and if you desaturate by 10%, it is **2F7573**.

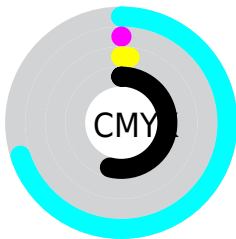
Distribution



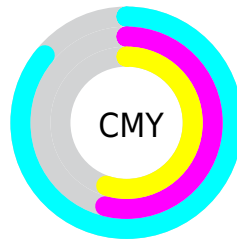
- Red (14%)
- Green (46%)
- Blue (45%)



- Red (14%)
- Yellow (30%)
- Blue (46%)



- Cyan (70%)
- Magenta (0%)
- Yellow (2%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 237573 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 237573 by changing the saturation by 10% instead.

■ 237573

■ 237573

FFFFFF

■ 005C5A

■ 5DA9A7

■ 004443

■ 78C5C2

■ 002D2D

■ 94E1DE

■ 001A18

■ B0FEFA

■ 000000

■ CCFFFF

■ E9FFFF

■ 237573

■ 237573

■ 177573

■ 2F7573

■ 0C7572

■ 3A7574

■ 007572

■ 467574

■ 527574

■ 5E7574

■ 697575

■ 757575

■ 817575

■ 8C7576

Harmonies

Analogous

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



3D745D



237573



1D7386

Triad

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



237573



796188



826542

Complementary

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



237573



752325

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.



8F5E4E



237573



8C5B76

Square

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



237573



5C6892



935A61



6E6C41

Rectangle

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



237573



2E718F



935A61



876245

Sweetspot

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



237573



799998



267523



394D4C



CCCCCC



4D4D4D

Same Dimension

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



237573



189996



234F75



353B3B



007A77



00FAF4

Inverse Universe

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



752325



99181C



754923



3B3535



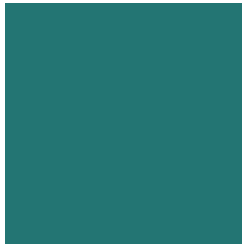
7A0003



FA0006

Previews

White Background



This preview shows how the Hex color 237573 looks on a white background.

Color Contrast Check

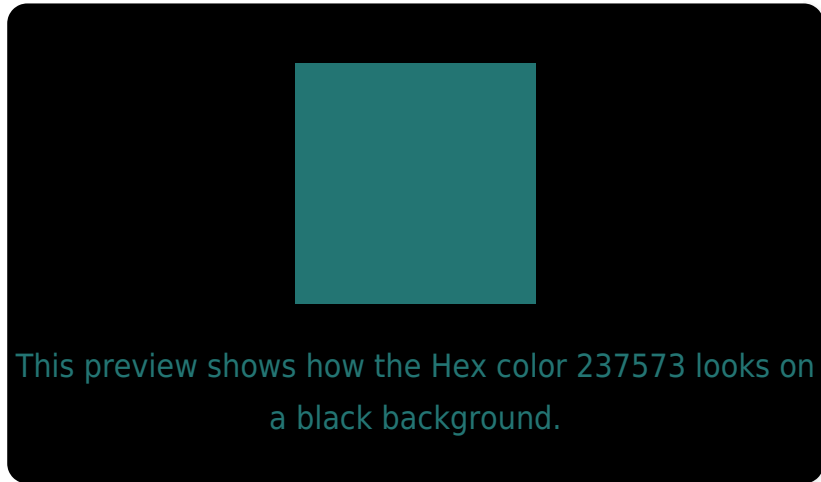
Large Text (above 18pt) WCAG AA ✓ Pass

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

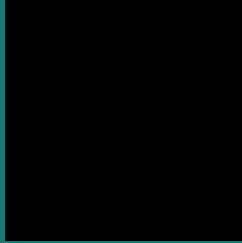
Any Text WCAG AA × Fail

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 237573 Background



This preview shows how black text looks on a background with the Hex color 237573.

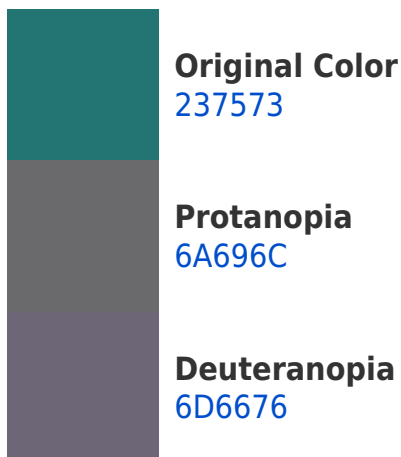


This preview shows how white text looks on a background with the Hex color 237573.

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
29737D

Trichromacy



Original Color
237573

Protanomaly
506D6F

Deuteranomaly
526B75

Tritanomaly
277479

Monochromacy



Original Color
237573

Achromatopsia
5C5C5C

Achromatomaly
476564

CSS Examples

Text

The CSS property to change the color of the text to Hex 237573 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 #237573 looks like.

```
.text, #text, p{  
    color:#237573  
}
```

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 #237573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237573
}
```

Border

The CSS property to change the border of an element to Hex 237573 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
#237573 }
```

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

```
.border{ border-color:#237573 }
```

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

Here you see how a box with a 4 pixel #237573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237573; -webkit-box-shadow:4px 4px  
4px 4px #237573; box-shadow:4px 4px 4px  
4px #237573 }
```

Background

The CSS property to change the background color of an element to Hex 237573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237573 }
```

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

```
.background{ background-color:#237573 }
```

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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