

Converting Colors

Hex(247572)

Have a look what the booklet for
Hex(247572) contains.

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Color

Hex(247572)

Conversions

Conversions Part 1

Format	Color
Hex	247572
RGB	36, 117, 114
RGB Percent	14%, 46%, 45%
CMY	0.8588, 0.5412, 0.5529
CMYK	0.69, 0.00, 0.03, 0.54
HSL	178°, 53%, 30%
HSV	178°, 69%, 46%
XYZ	10.1261, 14.3126, 18.1485
YIQ	92.4390, -47.3130, -18.1050

Conversions

Conversions Part 2

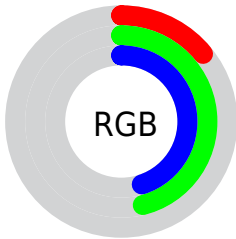
Format	Color
RYB	36, 77, 117
Decimal	2389362
CIELab	44.68, -24.51, -5.45
CIElCh	45, 25.110, 192.535
Yxy	14.3126, 0.2378, 0.3361
Android (android.graphics.Color)	4280579442 (0xFF247572)
YUV	92.4390, 10.6296, -49.4970
Hunter-Lab	37.8319, -18.4285, -1.9599

Details

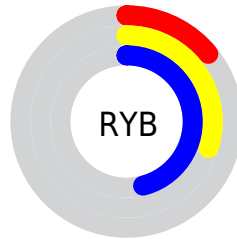
The Hex color **247572** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **752427**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5DA9A6**, and **004442** is the 20% darker color. If you saturate the color by 10%, you get **187572**, and if you desaturate by 10%, it is **307572**.

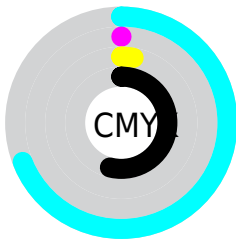
Distribution



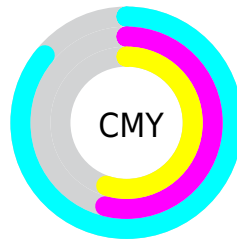
- Red (14%)
- Green (46%)
- Blue (45%)



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



- Cyan (69%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 247572 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 247572 by changing the saturation by 10% instead.

 247572

 247572

FFFFFF

 005C5A

 5DA9A6

 004442

 79C5C1

 002D2C

 94E1DD

 001A18

 B0FEF9

 000000

 CDFFFF

 EAFFFF

 247572

 247572

 187572

 307572

0D7571

3B7573

017571

477573

007571

537574

5F7574

6A7575

767575

827575

8D7576

Harmonies

Analogous

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



3E745C



247572



1C7385

Triad

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



247572



776189



826442

Complementary

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



247572



752427

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.



8F5D4E



247572



8B5B77

Square

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



247572



5A6992



935A62



6F6B40

Rectangle

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



247572



2D718E



935A62



876245

Sweetspot

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



247572



799998



287524



394D4C



CCCCCC



4D4D4D

Same Dimension

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



247572



1A9994



245175



353B3A



007A76



00FAF1

Inverse Universe

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



752427



991A1F



754824



3B3535



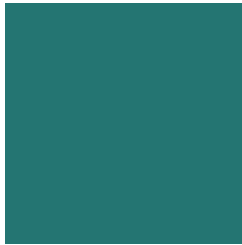
7A0005



FA0009

Previews

White Background



This preview shows how the Hex color 247572 looks on a white background.

Color Contrast Check

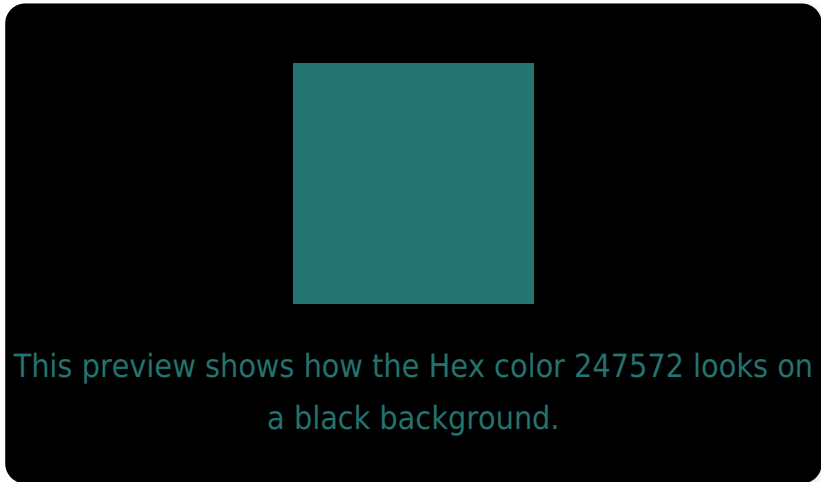
Large Text (above 18pt) WCAG AA ✓ Pass

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

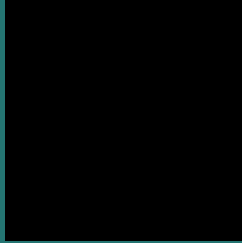
Any Text WCAG AA × Fail

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 247572 Background



This preview shows how black text looks on a background with the Hex color 247572.

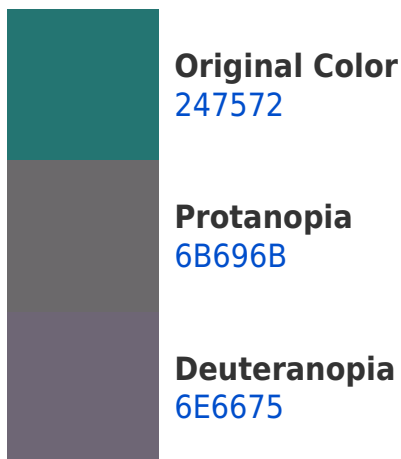



This preview shows how white text looks on a background with the Hex color 247572.

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
2A737D

Trichromacy



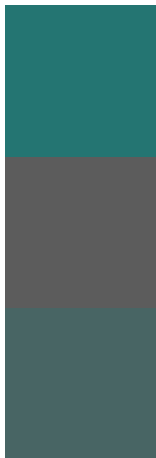
Original Color
247572

Protanomaly
516D6E

Deuteranomaly
536B74

Tritanomaly
287479

Monochromacy



Original Color
247572

Achromatopsia
5C5C5C

Achromatomaly
486564

CSS Examples

Text

The CSS property to change the color of the text to Hex 247572 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 #247572 looks like.

```
.text, #text, p{  
  color:#247572  
}
```

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 #247572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247572
}
```

Border

The CSS property to change the border of an element to Hex 247572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

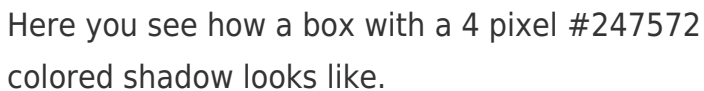
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#247572 }
```

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

```
.border{ border-color:#247572 }
```

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



Here you see how a box with a 4 pixel #247572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247572; -webkit-box-shadow:4px 4px  
4px 4px #247572; box-shadow:4px 4px 4px  
4px #247572 }
```

Background

The CSS property to change the background color of an element to Hex 247572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247572 }
```

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

```
.background{ background-color:#247572 }
```

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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