

Converting Colors

Hex(247D5E)

Have a look what the booklet for
Hex(247D5E) contains.

Hex(247D5E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(247D5E)

Conversions

Conversions Part 1

Format	Color
Hex	247D5E
RGB	36, 125, 94
RGB Percent	14%, 49%, 37%
CMY	0.8588, 0.5098, 0.6314
CMYK	0.71, 0.00, 0.25, 0.51
HSL	159°, 55%, 32%
HSV	159°, 71%, 49%
XYZ	10.0816, 15.8505, 13.1178
YIQ	94.8550, -43.0930, -28.5090

Conversions

Conversions Part 2

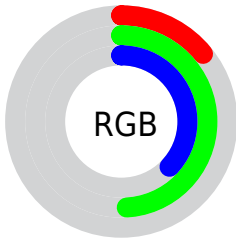
Format	Color
RYB	36, 90, 125
Decimal	2391390
CIELab	46.78, -33.91, 9.46
CIELCh	47, 35.205, 164.415
Yxy	15.8505, 0.2582, 0.4059
Android (android.graphics.Color)	4280581470 (0xFF247D5E)
YUV	94.8550, -0.4215, -51.6158
Hunter-Lab	39.8126, -24.4714, 8.3335

Details

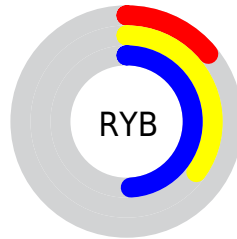
The Hex color **247D5E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7D2443**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5DB290**, and **004B30** is the 20% darker color. If you saturate the color by 10%, you get **177D5A**, and if you desaturate by 10%, it is **317D62**.

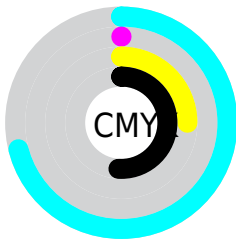
Distribution



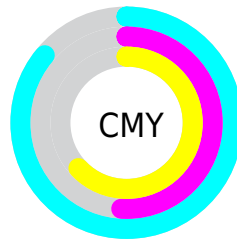
- Red (14%)
- Green (49%)
- Blue (37%)



- Red (14%)
- Yellow (35%)
- Blue (49%)



- Cyan (71%)
- Magenta (0%)
- Yellow (25%)
- Black (51%)



- Cyan (86%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 247D5E 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 247D5E by changing the saturation by 10% instead.

 247D5E

 247D5E

FFFFFF

 006446

 5DB290

 004B30

 79CEAB

 00341B

 94EBC6

 002000

 B0FFE2

 000000


 CDFFFF

 EAFFFF

 247D5E

 247D5E

 177D5A

 317D62

■ 0B7D55

■ 3D7D67

■ 007D51

■ 4A7D6B

■ 567D6F

■ 637D74

■ 6F7D78

■ 7C7D7C

■ 887D81

■ 947D85

Harmonies

Analogous

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



527943



247D5E



007E7D

Triad

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



247D5E



586DA8



A15D47

Complementary

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



247D5E



7D2443

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.



A75762



247D5E



846299

Square

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



247D5E



0176A7



9E5880



8E6835

Rectangle

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



247D5E



007D8F



9E5880



A45A4F

Sweetspot

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



247D5E



81A397



437D24



3D524A



D1D1D1



525252

Same Dimension

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



247D5E



18A373



24707D



39403E



008053



000000

Inverse Universe

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



7D2443



A31849



7D3124



40393C



80002C



000000

Previews

White Background



This preview shows how the Hex color 247D5E looks on a white background.

Color Contrast Check

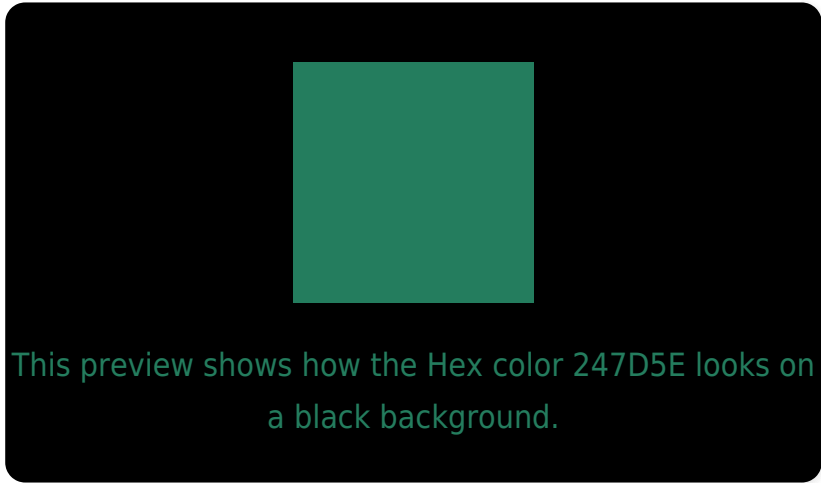
Large Text (above 18pt) WCAG AA ✓ Pass

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

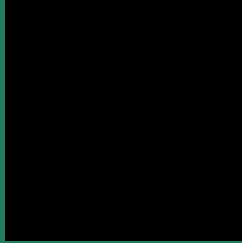
Any Text WCAG AA × Fail

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 247D5E Background



This preview shows how black text looks on a background with the Hex color 247D5E.

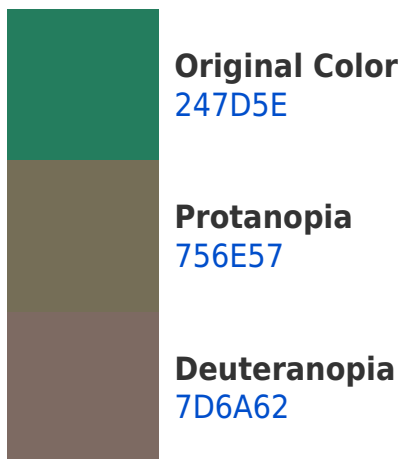


This preview shows how white text looks on a background with the Hex color 247D5E.

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](#).

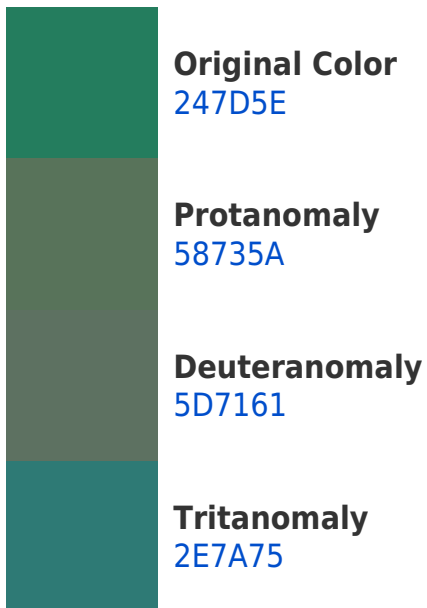
Dichromacy



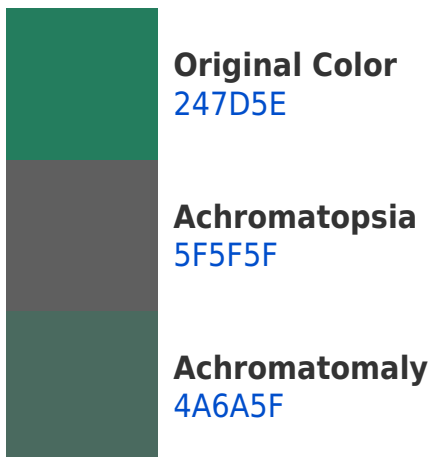


Tritanopia
347882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 247D5E 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 #247D5E looks like.

```
.text, #text, p{  
    color:#247D5E  
}
```

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 #247D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247D5E
}
```

Border

The CSS property to change the border of an element to Hex 247D5E 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".

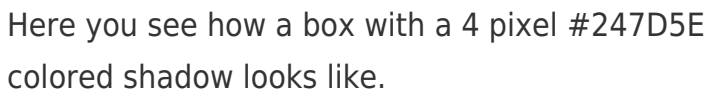
```
.border, #border, table{ border:4px solid
#247D5E }
```

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

```
.border{ border-color:#247D5E }
```

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

Here you see how a box with a 4 pixel #247D5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247D5E; -webkit-box-shadow:4px 4px  
4px 4px #247D5E; box-shadow:4px 4px 4px  
4px #247D5E }
```

Background

The CSS property to change the background color of an element to Hex 247D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247D5E }
```

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

```
.background{ background-color:#247D5E }
```

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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