

Converting Colors

Hex(237E56)

Have a look what the booklet for
Hex(237E56) contains.

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Color

Hex(237E56)

Conversions

Conversions Part 1

Format	Color
Hex	237E56
RGB	35, 126, 86
RGB Percent	14%, 49%, 34%
CMY	0.8627, 0.5059, 0.6627
CMYK	0.72, 0.00, 0.32, 0.51
HSL	154°, 57%, 32%
HSV	154°, 72%, 49%
XYZ	9.8337, 15.9509, 11.3646
YIQ	94.2310, -41.3960, -31.7320

Conversions

Conversions Part 2

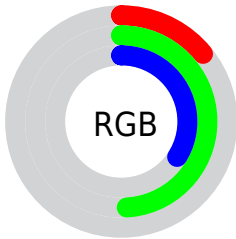
Format	Color
RYB	35, 93, 126
Decimal	2326102
CIELab	46.91, -36.44, 14.30
CIELCh	47, 39.142, 158.573
Yxy	15.9509, 0.2647, 0.4294
Android (android.graphics.Color)	4280516182 (0xFF237E56)
YUV	94.2310, -4.0579, -51.9456
Hunter-Lab	39.9386, -25.9422, 11.0859

Details

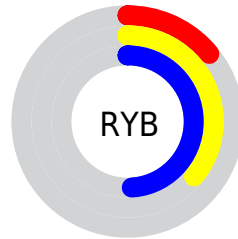
The Hex color **237E56** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E234B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5DB388**, and **004C28** is the 20% darker color. If you saturate the color by 10%, you get **167E50**, and if you desaturate by 10%, it is **307E5C**.

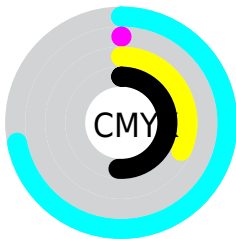
Distribution



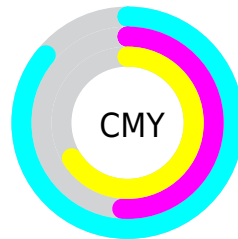
- Red (14%)
- Green (49%)
- Blue (34%)



- Red (14%)
- Yellow (36%)
- Blue (49%)



- Cyan (72%)
- Magenta (0%)
- Yellow (32%)
- Black (51%)



- Cyan (86%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 237E56 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 237E56 by changing the saturation by 10% instead.



237E56



237E56

FFFFFF



00643F



5DB388



004C28



78CFA2



003414



94ECBD



002000



B0FFD9



000000



CCFFF6



E9FFFF



237E56



237E56



167E50



307E5C

■ 0A7E4B

■ 3C7E61

■ 007E47

■ 497E67

■ 557E6C

■ 627E72

■ 6F7E77

■ 7B7E7D

■ 887E82

■ 947E88

Harmonies

Analogous

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



56793A



237E56



008078

Triad

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



237E56



4770B0



A85948

Complementary

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



237E56



7E234B

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.



AC5367



237E56



7E63A3

Square

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



237E56



0079AC



9F5788



956531

Rectangle

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



237E56



007F8E



9F5788



AB5652

Sweetspot

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



237E56



7FA393



4C7E23



3C5248



D1D1D1



525252

Same Dimension

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



237E56



15A365



23797E



39403D



008047



000000

Inverse Universe

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



7E234B



A31554



7E2823



40393C



800038



000000

Previews

White Background



This preview shows how the Hex color 237E56 looks on a white background.

Color Contrast Check

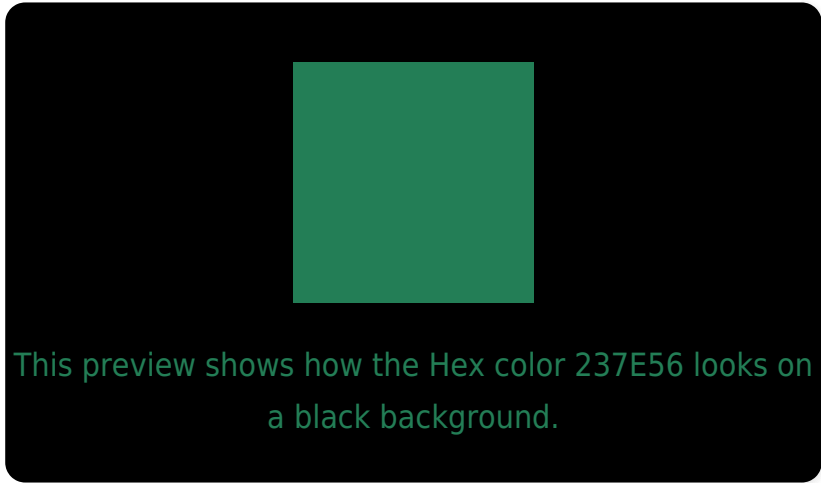
Large Text (above 18pt) WCAG AA ✓ Pass

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

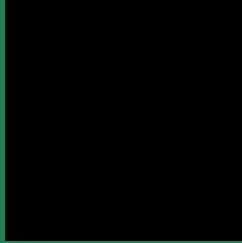
Any Text WCAG AA × Fail

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 237E56 Background



This preview shows how black text looks on a background with the Hex color 237E56.



This preview shows how white text looks on a background with the Hex color 237E56.

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



Original Color
237E56

Protanopia
776E4F

Deuteranopia
806A5A

Trichromacy



Original Color
237E56



Protanomaly
587452



Deuteranomaly
5E7159



Tritanomaly
2F7A72

Monochromacy



Original Color
237E56



Achromatopsia
5E5E5E



Achromatomaly
496A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 237E56 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 #237E56 looks like.

```
.text, #text, p{  
    color:#237E56  
}
```

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 #237E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237E56
}
```

Border

The CSS property to change the border of an element to Hex 237E56 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
#237E56 }
```

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

```
.border{ border-color:#237E56 }
```

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

Here you see how a box with a 4 pixel #237E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237E56; -webkit-box-shadow:4px 4px  
4px 4px #237E56; box-shadow:4px 4px 4px  
4px #237E56 }
```

Background

The CSS property to change the background color of an element to Hex 237E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237E56 }
```

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

```
.background{ background-color:#237E56 }
```

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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