

# Converting Colors

Hex(257A64)

Have a look what the booklet for  
Hex(257A64) contains.

<b>Hex(257A64)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(257A64)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	257A64
RGB	37, 122, 100
RGB Percent	15%, 48%, 39%
CMY	0.8549, 0.5216, 0.6078
CMYK	0.70, 0.00, 0.18, 0.52
HSL	164°, 53%, 31%
HSV	164°, 70%, 48%
XYZ	10.0227, 15.2325, 14.4685
YIQ	94.0770, -43.5980, -24.8620

# Conversions

## Conversions Part 2

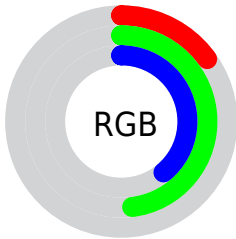
<b>Format</b>	<b>Color</b>
<b>RYB</b>	<b>37, 86, 122</b>
Decimal	2456164
CIELab	45.95, -30.81, 4.75
CIELCh	46, 31.173, 171.230
Yxy	15.2325, 0.2523, 0.3835
Android (android.graphics.Color)	4280646244 (0xFF257A64)
YUV	94.0770, 2.9200, -50.0565
Hunter-Lab	39.0288, -22.4610, 5.3406

# Details

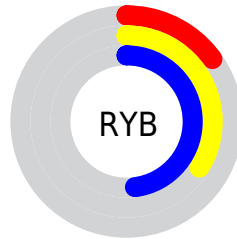
The Hex color **257A64** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A253B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5EAF97**, and **004835** is the 20% darker color. If you saturate the color by 10%, you get **197A61**, and if you desaturate by 10%, it is **317A67**.

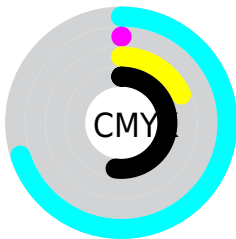
# Distribution



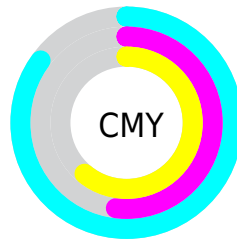
- Red (15%)
- Green (48%)
- Blue (39%)



- Red (15%)
- Yellow (34%)
- Blue (48%)



- Cyan (70%)
- Magenta (0%)
- Yellow (18%)
- Black (52%)



- Cyan (85%)
- Magenta (52%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 257A64 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 257A64 by changing the saturation by 10% instead.



 257A64

 257A64

FFFFFF

 00614C

 5EAF97

 004835

 79CBB1

 003120

 94E7CD

 001D09

 B0FFE9

 000000

 CDFFFF

 EAFFFF

 257A64

 257A64

 197A61

 317A67

■ 0D7A5E

■ 3D7A6A

■ 007A5B

■ 4A7A6D

■ 007A5A

■ 567A71

■ 627A74

■ 6E7A77

■ 7A7A7A

■ 877A7D

■ 937A80

# Harmonies

## Analogous

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



4C774B



257A64



007A7F

# Triad

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



257A64



64699D



975F45

# Complementary

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



257A64



7A253B

# 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.



9F595B



257A64



865F8E

# Square

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



257A64



3372A0



9A5976



846939

# Rectangle

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



257A64



00798E



9A5976



9B5D4C



# Sweetspot

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



257A64



7D9E96



3C7A25



3B4F4A



CFCFCF



4F4F4F



# Same Dimension

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



257A64



199E7C



25667A



373D3C



007D5D



00FCBB



# Inverse Universe

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



7A253B



9E193C



7A3925



3D3739



7D0020



FC0041



# Previews

## White Background



This preview shows how the Hex color 257A64 looks on a white background.

## Color Contrast Check

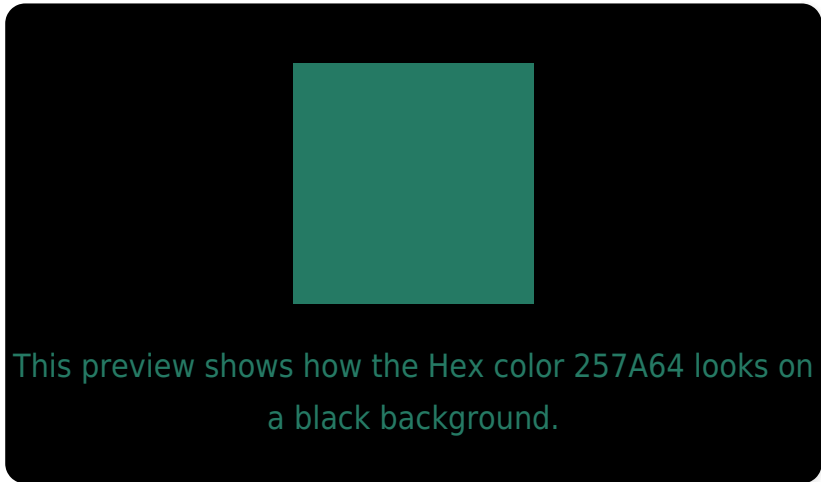
Large Text (above 18pt) WCAG AA ✓ Pass

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

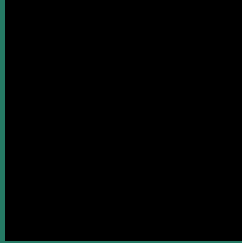
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 257A64 Background



This preview shows how black text looks on a background with the Hex color 257A64.

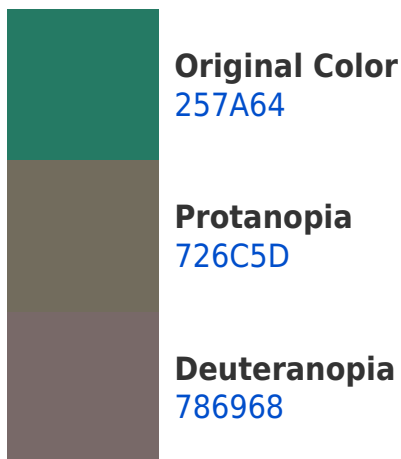


This preview shows how white text looks on a background with the Hex color 257A64.

# 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**  
327680

# Trichromacy



**Original Color**  
257A64

**Protanomaly**  
567160

**Deuteranomaly**  
5A6F67

**Tritanomaly**  
2D7776

# Monochromacy



**Original Color**  
257A64

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
496860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 257A64 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 #257A64 looks like.

```
.text, #text, p{  
    color:#257A64  
}
```

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 #257A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257A64
}
```

## Border

The CSS property to change the border of an element to Hex 257A64 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
#257A64 }
```

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

```
.border{ border-color:#257A64 }
```

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

Here you see how a box with a 4 pixel #257A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257A64; -webkit-box-shadow:4px 4px  
4px 4px #257A64; box-shadow:4px 4px 4px  
4px #257A64 }
```

# Background

The CSS property to change the background color of an element to Hex 257A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257A64 }
```

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

```
.background{ background-color:#257A64 }
```

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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