

# Converting Colors

Hex(207E65)

Have a look what the booklet for  
Hex(207E65) contains.

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# Color

**Hex(207E65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	207E65
RGB	32, 126, 101
RGB Percent	13%, 49%, 40%
CMY	0.8745, 0.5059, 0.6039
CMYK	0.75, 0.00, 0.20, 0.51
HSL	164°, 59%, 31%
HSV	164°, 75%, 49%
XYZ	10.4055, 16.1684, 14.8843
YIQ	95.0440, -47.9990, -27.7030

# Conversions

## Conversions Part 2

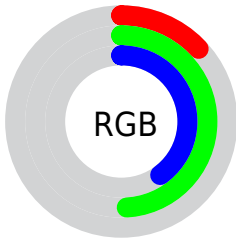
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 86, 126
Decimal	2129509
CIE Lab	47.19, -33.20, 5.93
CIE LCh	47, 33.725, 169.875
Yxy	16.1684, 0.2510, 0.3900
Android (android.graphics.Color)	4280319589 (0xFF207E65)
YUV	95.0440, 2.9363, -55.2896
Hunter-Lab	40.2099, -24.1753, 6.1999

# Details

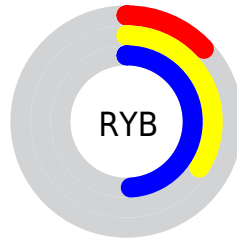
The Hex color **207E65** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E2039**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5BB398**, and **004C36** is the 20% darker color. If you saturate the color by 10%, you get **137E62**, and if you desaturate by 10%, it is **2D7E68**.

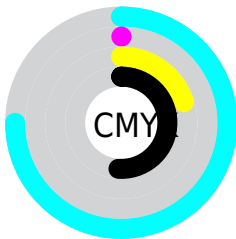
# Distribution



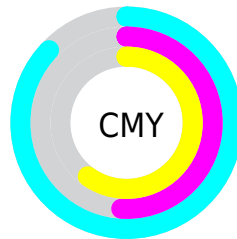
- Red (13%)
- Green (49%)
- Blue (40%)



- Red (13%)
- Yellow (34%)
- Blue (49%)



- Cyan (75%)
- Magenta (0%)
- Yellow (20%)
- Black (51%)



- Cyan (87%)
- Magenta (51%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 207E65 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 207E65 by changing the saturation by 10% instead.



 207E65

 207E65

FFFFFF

 00654D

 5BB398

 004C36

 77CFB3

 003421

 93ECCE

 00210A

 AFFFEA

 000000

 CCFFFF

 E9FFFF

 207E65

 207E65

 137E62

 2D7E68

077E5E

397E6C

007E5C

467E6F

527E72

5F7E76

6C7E79

787E7C

857E80

917E83

# Harmonies

## Analogous

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



4E7B4A



207E65



007F82

# Triad

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



207E65



646CA5



9D6146

# Complementary

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



207E65



7E2039

# 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.



A65A5E



207E65



8A6195

# Square

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



207E65



2A76A7



A05A7B



8A6B37

# Rectangle

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



207E65



007D93



A05A7B



A25E4D



# Sweetspot

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



207E65



7FA39A



397E20



3C524C



D1D1D1



525252



# Same Dimension

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



207E65



10A37C



20687E



39403E



00805E



000000



# Inverse Universe

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



7E2039



A31037



7E3620



40393B



800022



000000



# Previews

## White Background



This preview shows how the Hex color 207E65 looks on a white background.

## Color Contrast Check

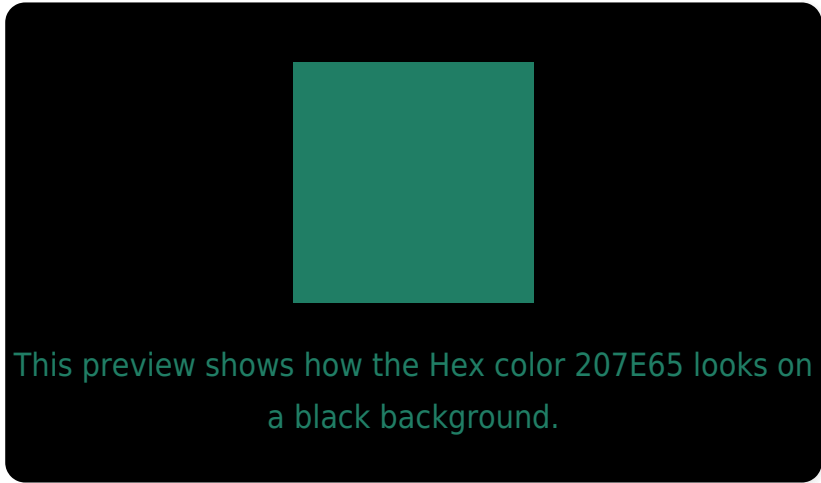
Large Text (above 18pt) WCAG AA ✓ Pass

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

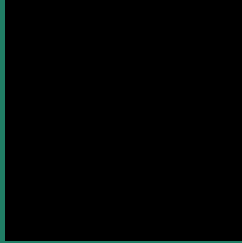
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 207E65 Background



This preview shows how black text looks on a background with the Hex color 207E65.

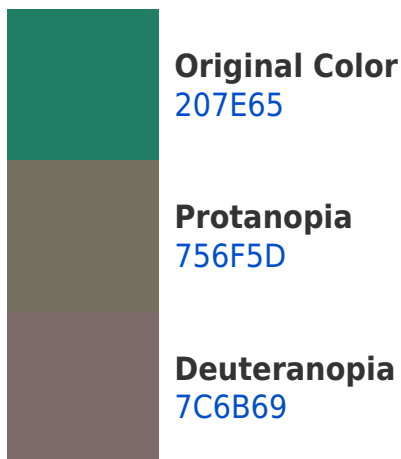


This preview shows how white text looks on a background with the Hex color 207E65.

# 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**  
307A84

# Trichromacy



**Original Color**  
207E65



**Protanomaly**  
567460



**Deuteranomaly**  
5B7268



**Tritanomaly**  
2A7B79

# Monochromacy



**Original Color**  
207E65



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
486A61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 207E65 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 #207E65 looks like.

```
.text, #text, p{  
    color:#207E65  
}
```

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 #207E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207E65
}
```

## Border

The CSS property to change the border of an element to Hex 207E65 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
#207E65 }
```

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

```
.border{ border-color:#207E65 }
```

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

Here you see how a box with a 4 pixel #207E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207E65; -webkit-box-shadow:4px 4px  
4px 4px #207E65; box-shadow:4px 4px 4px  
4px #207E65 }
```

# Background

The CSS property to change the background color of an element to Hex 207E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207E65 }
```

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

```
.background{ background-color:#207E65 }
```

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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