

Converting Colors

Hex(217559)

Have a look what the booklet for
Hex(217559) contains.

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Color

Hex(217559)

Conversions

Conversions Part 1

Format	Color
Hex	217559
RGB	33, 117, 89
RGB Percent	13%, 46%, 35%
CMY	0.8706, 0.5412, 0.6510
CMYK	0.72, 0.00, 0.24, 0.54
HSL	160°, 56%, 29%
HSV	160°, 72%, 46%
XYZ	8.7917, 13.7672, 11.6452
YIQ	88.6920, -41.0760, -26.5160

Conversions

Conversions Part 2

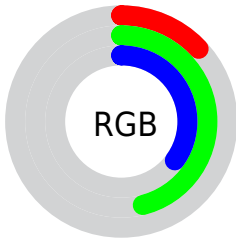
Format	Color
R_{YB}	33, 83, 117
Decimal	2192729
CIE _{Lab}	43.90, -32.05, 8.34
CIE _{LCh}	44, 33.119, 165.422
Yxy	13.7672, 0.2570, 0.4025
Android (android.graphics.Color)	4280382809 (0xFF217559)
YUV	88.6920, 0.1518, -48.8419
Hunter-Lab	37.1042, -22.6375, 7.3647

Details

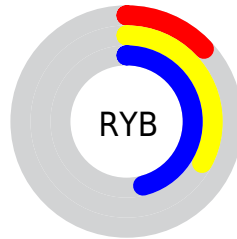
The Hex color **217559** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **75213D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5AAA8B**, and **00442B** is the 20% darker color. If you saturate the color by 10%, you get **157555**, and if you desaturate by 10%, it is **2D755D**.

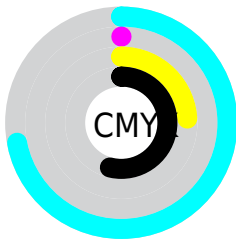
Distribution



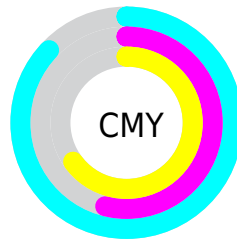
- Red (13%)
- Green (46%)
- Blue (35%)



- Red (13%)
- Yellow (33%)
- Blue (46%)



- Cyan (72%)
- Magenta (0%)
- Yellow (24%)
- Black (54%)



- Cyan (87%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217559 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 217559 by changing the saturation by 10% instead.

 217559

 217559

FFFFFF

 005C42

 5AAA8B

 00442B

 75C5A5

 002D17

 90E1C0

 001600

 ACFEDC


 000000

 C8FFF9

 E5FFFF

 217559

 217559

 157555

 2D755D

■ 0A7551

■ 387561

■ 00754E

■ 447565

■ 507569

■ 5C756D

■ 677570

■ 737574

■ 7F7578

■ 8A757C

Harmonies

Analogous

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



4C7140



217559



007675

Triad

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



217559



54669D



965842

Complementary

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



217559



75213D

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.



9C515B



217559



7C5B8F

Square

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



217559



0E6E9D



945376



846132

Rectangle

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



217559



007587



945376



995549

Sweetspot

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



217559



77998E



3D7521



394D46



CCCCCC



4D4D4D

Same Dimension

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



217559



15996D



216775



353B39



007A52



00FAA7

Inverse Universe

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



75213D



991541



752F21



3B3537



7A0029



FA0053

Previews

White Background



This preview shows how the Hex color 217559 looks on a white background.

Color Contrast Check

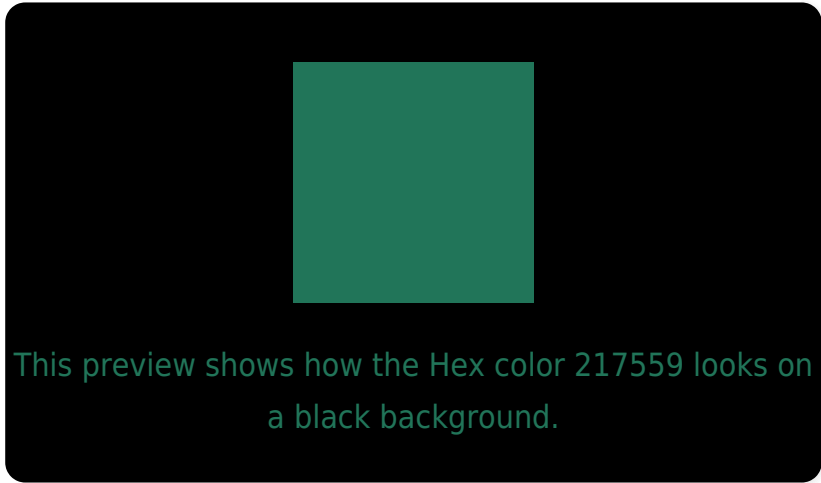
Large Text (above 18pt) WCAG AA ✓ Pass

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

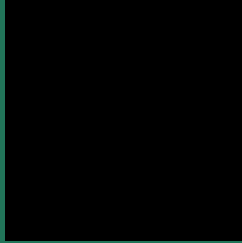
Any Text WCAG AA × Fail

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 217559 Background



This preview shows how black text looks on a background with the Hex color 217559.

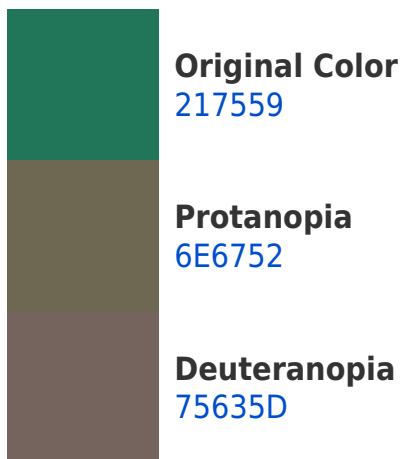


This preview shows how white text looks on a background with the Hex color 217559.

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
30717A

Trichromacy



Original Color
217559

Protanomaly
526C55

Deuteranomaly
566A5C

Tritanomaly
2B726E

Monochromacy



Original Color
217559

Achromatopsia
595959

Achromatomaly
456359

CSS Examples

Text

The CSS property to change the color of the text to Hex 217559 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 #217559 looks like.

```
.text, #text, p{  
    color:#217559  
}
```

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 #217559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217559
}
```

Border

The CSS property to change the border of an element to Hex 217559 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
#217559 }
```

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

```
.border{ border-color:#217559 }
```

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

Here you see how a box with a 4 pixel #217559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217559; -webkit-box-shadow:4px 4px  
4px 4px #217559; box-shadow:4px 4px 4px  
4px #217559 }
```

Background

The CSS property to change the background color of an element to Hex 217559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217559 }
```

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

```
.background{ background-color:#217559 }
```

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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