

Converting Colors

Hex(219A69)

Have a look what the booklet for
Hex(219A69) contains.

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Color

Hex(219A69)

Conversions

Conversions Part 1

Format	Color
Hex	219A69
RGB	33, 154, 105
RGB Percent	13%, 60%, 41%
CMY	0.8706, 0.3961, 0.5882
CMYK	0.79, 0.00, 0.32, 0.40
HSL	156°, 65%, 37%
HSV	156°, 79%, 60%
XYZ	14.7326, 24.4545, 17.3083
YIQ	112.2350, -56.3870, -40.8910

Conversions

Conversions Part 2

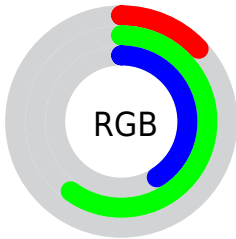
Format	Color
R_{YB}	33, 109, 154
Decimal	2202217
CIE _{Lab}	56.54, -44.09, 16.73
CIE _{LCh}	57, 47.153, 159.222
Yxy	24.4545, 0.2608, 0.4329
Android (android.graphics.Color)	4280392297 (0xFF219A69)
YUV	112.2350, -3.5669, -69.4891
Hunter-Lab	49.4514, -33.3612, 13.8642

Details

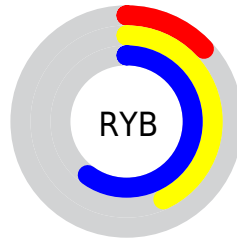
The Hex color **219A69** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9A2152**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **62D19C**, and **006639** is the 20% darker color. If you saturate the color by 10%, you get **129A63**, and if you desaturate by 10%, it is **309A6F**.

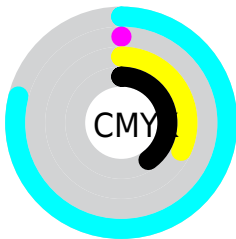
Distribution



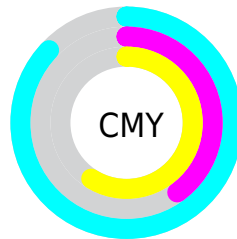
- Red (13%)
- Green (60%)
- Blue (41%)



- Red (13%)
- Yellow (43%)
- Blue (60%)



- Cyan (79%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (87%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219A69 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 219A69 by changing the saturation by 10% instead.

 219A69

 219A69

FFFFFF

 007F51

 62D19C

 006639

 7FEEB7

 004D23


 9CFFD3

 00350E

 B9FFE7

 001F00

 D6FFFF

 000000

 F4FFFF

 219A69

 219A69

 129A63

 309A6F

■ 029A5D

■ 409A75

■ 009A5C

■ 4F9A7C

■ 5F9A82

■ 6E9A88

■ 7D9A8E

■ 8D9A95

■ 9C9A9B

■ AC9AA1

Harmonies

Analogous

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



679445



219A69



009C93

Triad

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



219A69



5588D9



CE6C56

Complementary

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



219A69



9A2152

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.



D4647C



219A69



9B78C7

Square

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



219A69



0094D4



C469A6



B67B3A

Rectangle

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



219A69



009BAE



C469A6



D26862

Sweetspot

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



219A69



99C9B6



539A21



48665A



E6E6E6



666666

Same Dimension

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



219A69



0CC97D



21909A



454D49



008C53



000D08

Inverse Universe

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



9A2152



C90C59



9A2B21



4D4548



8C0039



0D0005

Previews

White Background



This preview shows how the Hex color 219A69 looks on a white background.

Color Contrast Check

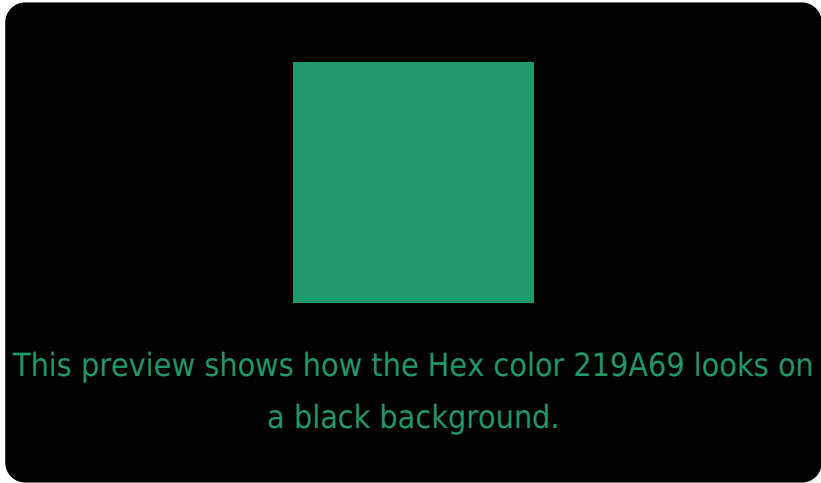
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

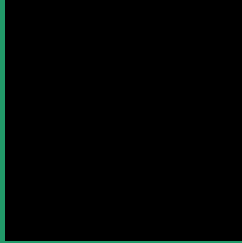
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 219A69 Background



This preview shows how black text looks on a background with the Hex color 219A69.



This preview shows how white text looks on a background with the Hex color 219A69.

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](#).

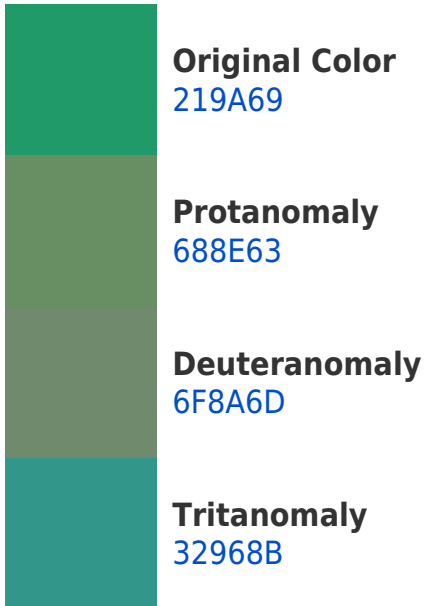
Dichromacy



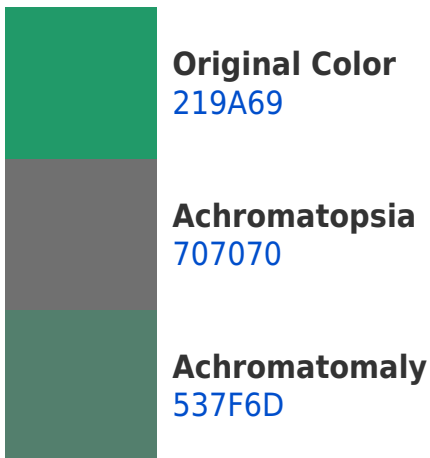


Tritanopia
3C939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 219A69 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 #219A69 looks like.

```
.text, #text, p{  
    color:#219A69  
}
```

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 #219A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219A69
}
```

Border

The CSS property to change the border of an element to Hex 219A69 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
#219A69 }
```

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

```
.border{ border-color:#219A69 }
```

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

Here you see how a box with a 4 pixel #219A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219A69; -webkit-box-shadow:4px 4px  
4px 4px #219A69; box-shadow:4px 4px 4px  
4px #219A69 }
```

Background

The CSS property to change the background color of an element to Hex 219A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219A69 }
```

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

```
.background{ background-color:#219A69 }
```

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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