

# Converting Colors

Hex(219E73)

Have a look what the booklet for  
Hex(219E73) contains.

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**Color**

**Hex(219E73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	219E73
RGB	33, 158, 115
RGB Percent	13%, 62%, 45%
CMY	0.8706, 0.3804, 0.5490
CMYK	0.79, 0.00, 0.27, 0.38
HSL	159°, 65%, 37%
HSV	159°, 79%, 62%
XYZ	15.9486, 26.0149, 20.4004
YIQ	115.7230, -60.6970, -39.8730

# Conversions

## Conversions Part 2

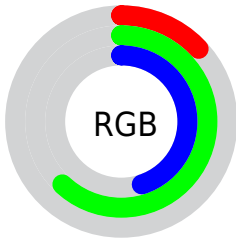
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 108, 158
Decimal	2203251
CIE <sub>Lab</sub>	58.05, -43.40, 13.23
CIE <sub>LCh</sub>	58, 45.377, 163.047
Y <sub>xy</sub>	26.0149, 0.2557, 0.4171
Android (android.graphics.Color)	4280393331 (0xFF219E73)
YUV	115.7230, -0.3564, -72.5481
Hunter-Lab	51.0048, -33.4435, 11.9890

# Details

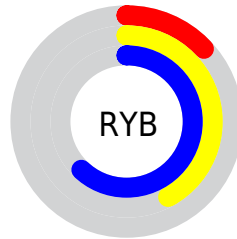
The Hex color **219E73** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E214C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **63D6A7**, and **006943** is the 20% darker color. If you saturate the color by 10%, you get **119E6E**, and if you desaturate by 10%, it is **319E78**.

# Distribution



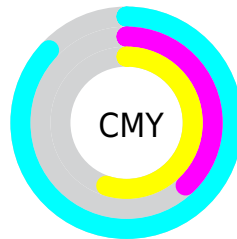
- Red (13%)
- Green (62%)
- Blue (45%)



- Red (13%)
- Yellow (42%)
- Blue (62%)



- Cyan (79%)
- Magenta (0%)
- Yellow (27%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 219E73 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 219E73 by changing the saturation by 10% instead.



 219E73

 219E73

FFFFFF

 00835A

 63D6A7

 006943

 80F2C2

 00502C

 9DFFDE

 003817


 BAFFFB

 002300


 D8FFFF


 000000

 F6FFFF

 219E73

 219E73

 119E6E

 319E78

■ 019E68

■ 419E7E

■ 009E68

■ 509E83

■ 609E89

■ 709E8E

■ 809E94

■ 909E99

■ 9F9E9E

■ AF9EA4

# Harmonies

## Analogous

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



66994F



219E73



00A09C

# Triad

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



219E73



678AD9



CE7357

# Complementary

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



219E73



9E214C

# 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.



D66A7C



219E73



A57AC6

# Square

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



219E73



0096D7



C96DA4



B5813E

# Rectangle

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



219E73



009EB6



C96DA4



D36F62



# Sweetspot

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



219E73



9DCFBD



4D9E21



4A695E



E8E8E8



696969



# Same Dimension

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



219E73



0ACF8B



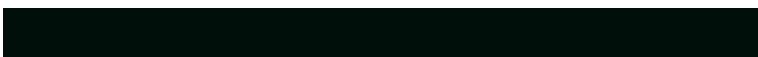
218B9E



474F4C



008F5E



000F0A



# Inverse Universe

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



9E214C



CF0A4E



9E3421



4F474A



8F0031

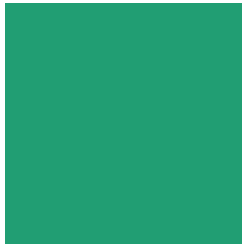


0F0005



# Previews

## White Background



This preview shows how the Hex color 219E73 looks on a white background.

## Color Contrast Check

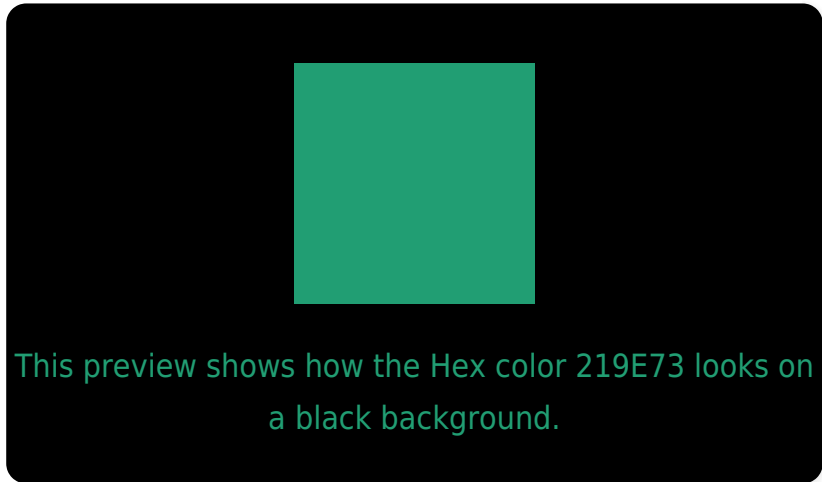
Large Text (above 18pt) WCAG AA ✓ Pass

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

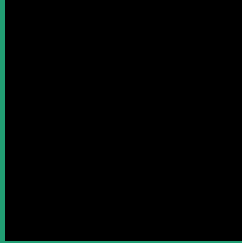
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 219E73 Background



This preview shows how black text looks on a background with the Hex color 219E73.

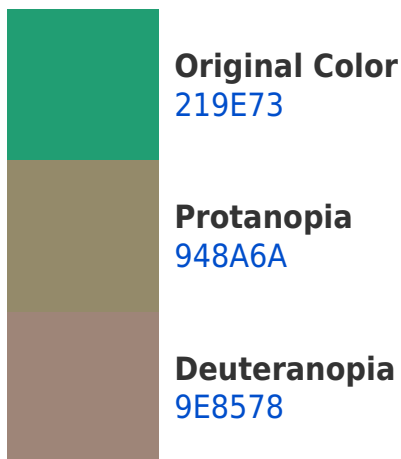


This preview shows how white text looks on a background with the Hex color 219E73.

# 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](#).

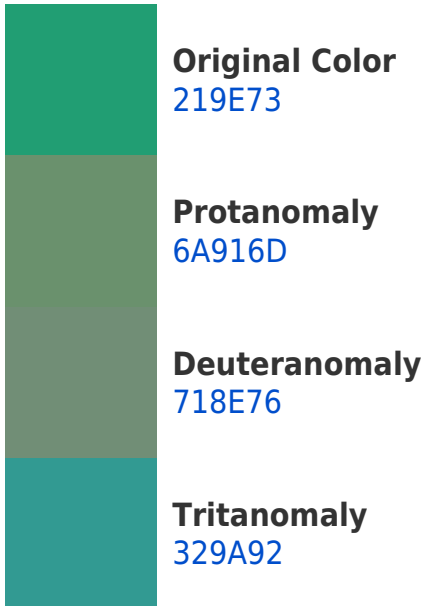
## Dichromacy





**Tritanopia**  
3C98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 219E73 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 #219E73 looks like.

```
.text, #text, p{  
    color:#219E73  
}
```

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 #219E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219E73
}
```

## Border

The CSS property to change the border of an element to Hex 219E73 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
#219E73 }
```

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

```
.border{ border-color:#219E73 }
```

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

Here you see how a box with a 4 pixel #219E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219E73; -webkit-box-shadow:4px 4px  
4px 4px #219E73; box-shadow:4px 4px 4px  
4px #219E73 }
```

# Background

The CSS property to change the background color of an element to Hex 219E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219E73 }
```

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

```
.background{ background-color:#219E73 }
```

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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