

Converting Colors

Hex(219E62)

Have a look what the booklet for
Hex(219E62) contains.

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Color

Hex(219E62)

Conversions

Conversions Part 1

Format	Color
Hex	219E62
RGB	33, 158, 98
RGB Percent	13%, 62%, 38%
CMY	0.8706, 0.3804, 0.6157
CMYK	0.79, 0.00, 0.38, 0.38
HSL	151°, 65%, 37%
HSV	151°, 79%, 62%
XYZ	15.0587, 25.6589, 15.7143
YIQ	113.7850, -55.2400, -45.1600

Conversions

Conversions Part 2

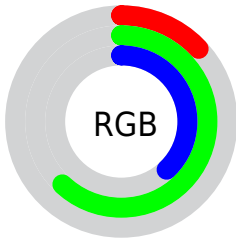
Format	Color
R_{YB}	33, 115, 158
Decimal	2203234
CIE _{Lab}	57.71, -47.17, 22.18
CIE _{LCh}	58, 52.125, 154.815
Yxy	25.6589, 0.2668, 0.4547
Android (android.graphics.Color)	4280393314 (0xFF219E62)
YUV	113.7850, -7.7820, -70.8484
Hunter-Lab	50.6546, -35.5809, 17.0651

Details

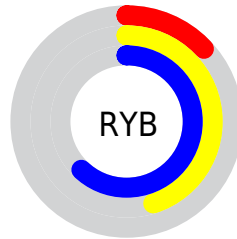
The Hex color **219E62** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9E215D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **63D695**, and **006933** is the 20% darker color. If you saturate the color by 10%, you get **119E5A**, and if you desaturate by 10%, it is **319E6A**.

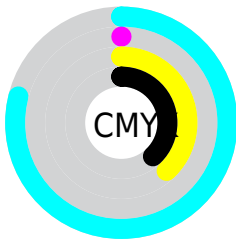
Distribution



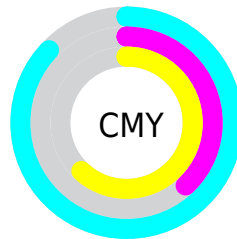
- Red (13%)
- Green (62%)
- Blue (38%)



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



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



- Cyan (87%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219E62 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 219E62 by changing the saturation by 10% instead.

 219E62

 219E62

FFFFFF

 00834A

 63D695

 006933

 80F2B0

 00501C

 9DFFCC

 003805

 BAF FE8

 002200


 D8FFFF


 000000

 F5FFFF

 219E62

 219E62

 119E5A

 319E6A

■ 019E53

■ 419E71

■ 009E52

■ 509E79

■ 609E80

■ 709E88

■ 809E90

■ 909E97

■ 9F9E9F

■ AF9EA6

Harmonies

Analogous

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



6D973B



219E62



00A191

Triad

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



219E62



388DE5



DA6959

Complementary

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



219E62



9E215D

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.



DD6185



219E62



967CD6

Square

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



219E62



009ADD



C869B2



C27A37

Rectangle

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



219E62



00A1B0



C869B2



DD6567

Sweetspot

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



219E62



9DCFB7



5D9E21



4A695A



E8E8E8



696969

Same Dimension

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



219E62



0ACF70



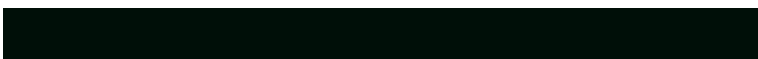
219C9E



474F4B



008F4A



000F08

Inverse Universe

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



9E215D



CF0A69



9E2321



4F474B



8F0045



0F0007

Previews

White Background



This preview shows how the Hex color 219E62 looks on a white background.

Color Contrast Check

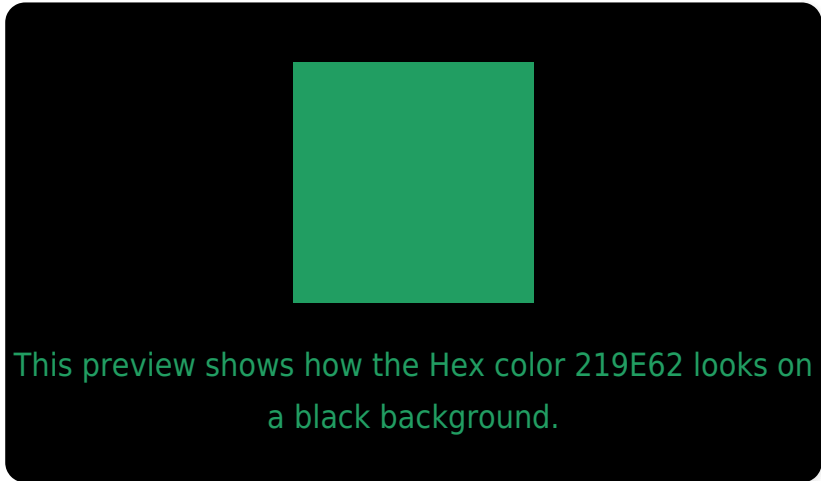
Large Text (above 18pt) WCAG AA ✓ Pass

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

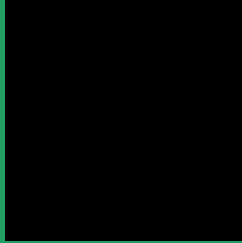
Any Text WCAG AA ✓ Pass

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 219E62 Background



This preview shows how black text looks on a background with the Hex color 219E62.

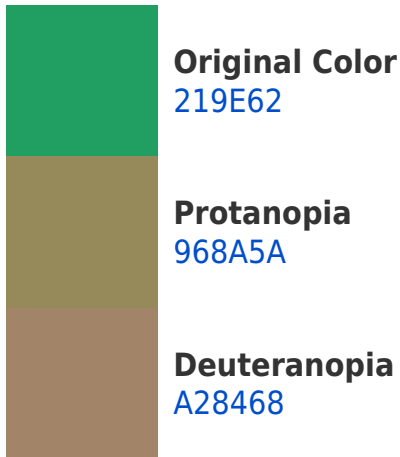


This preview shows how white text looks on a background with the Hex color 219E62.

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
4096A2

Trichromacy



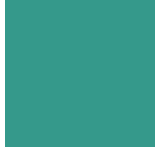
Original Color
219E62



Protanomaly
6B915D



Deuteranomaly
738D66



Tritanomaly
35998B

Monochromacy



Original Color
219E62



Achromatopsia
727272



Achromatomaly
55826C

CSS Examples

Text

The CSS property to change the color of the text to Hex 219E62 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 #219E62 looks like.

```
.text, #text, p{  
    color:#219E62  
}
```

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 #219E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219E62
}
```

Border

The CSS property to change the border of an element to Hex 219E62 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
#219E62 }
```

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

```
.border{ border-color:#219E62 }
```

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

Here you see how a box with a 4 pixel #219E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219E62; -webkit-box-shadow:4px 4px  
4px 4px #219E62; box-shadow:4px 4px 4px  
4px #219E62 }
```

Background

The CSS property to change the background color of an element to Hex 219E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219E62 }
```

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

```
.background{ background-color:#219E62 }
```

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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