

Converting Colors

Hex(219B60)

Have a look what the booklet for
Hex(219B60) contains.

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Color

Hex(219B60)

Conversions

Conversions Part 1

Format	Color
Hex	219B60
RGB	33, 155, 96
RGB Percent	13%, 61%, 38%
CMY	0.8706, 0.3922, 0.6235
CMYK	0.79, 0.00, 0.38, 0.39
HSL	151°, 65%, 37%
HSV	151°, 79%, 61%
XYZ	14.4599, 24.6106, 15.0545
YIQ	111.7960, -53.7730, -44.2130

Conversions

Conversions Part 2

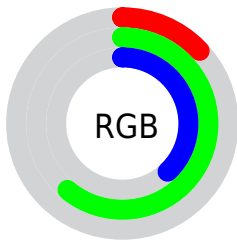
Format	Color
RYB	33, 113, 155
Decimal	2202464
CIELab	56.69, -46.42, 21.92
CIELCh	57, 51.331, 154.726
Yxy	24.6106, 0.2672, 0.4547
Android (android.graphics.Color)	4280392544 (0xFF219B60)
YUV	111.7960, -7.7874, -69.1041
Hunter-Lab	49.6090, -34.7872, 16.7340

Details

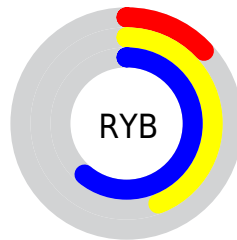
The Hex color **219B60** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9B215C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **62D293**, and **006631** is the 20% darker color. If you saturate the color by 10%, you get **119B59**, and if you desaturate by 10%, it is **309B67**.

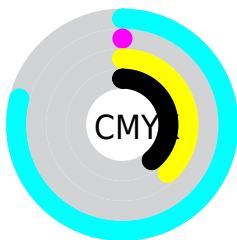
Distribution



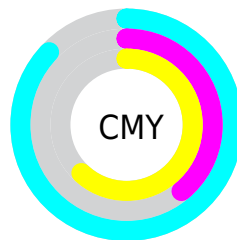
- Red (13%)
- Green (61%)
- Blue (38%)



- Red (13%)
- Yellow (44%)
- Blue (61%)



- Cyan (79%)
- Magenta (0%)
- Yellow (38%)
- Black (39%)




- Cyan (87%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219B60 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 219B60 by changing the saturation by 10% instead.

 219B60

 219B60

FFFFFF

 008048

 62D293

 006631

 7FEFAE

 004D1B

 9CFFC9

 003503

 B9FFE5

 001F00


 D6FFFF

 000000

 F4FFFF

 219B60

 219B60

 119B59

 309B67

■ 029B51

■ 409B6F

■ 009B50

■ 4F9B76

■ 5F9B7E

■ 6E9B85

■ 7E9B8D

■ 8D9B94

■ 9D9B9C

■ AC9BA3

Harmonies

Analogous

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



6B943A



219B60



009E8E

Triad

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



219B60



378BE1



D56758

Complementary

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



219B60



9B215C

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.



D95F83



219B60



9379D2

Square

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



219B60



0097D8



C467AF



BE7836

Rectangle

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



219B60



009EAC



C467AF



D96365

Sweetspot

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



219B60



99C9B2



5E9B21



486658



E6E6E6



666666

Same Dimension

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



219B60



0CC96E



219B9B



454D49



008C48



000D07

Inverse Universe

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



9B215C



C90C68



9B2121



4D4549



8C0044



0D0006

Previews

White Background



This preview shows how the Hex color 219B60 looks on a white background.

Color Contrast Check

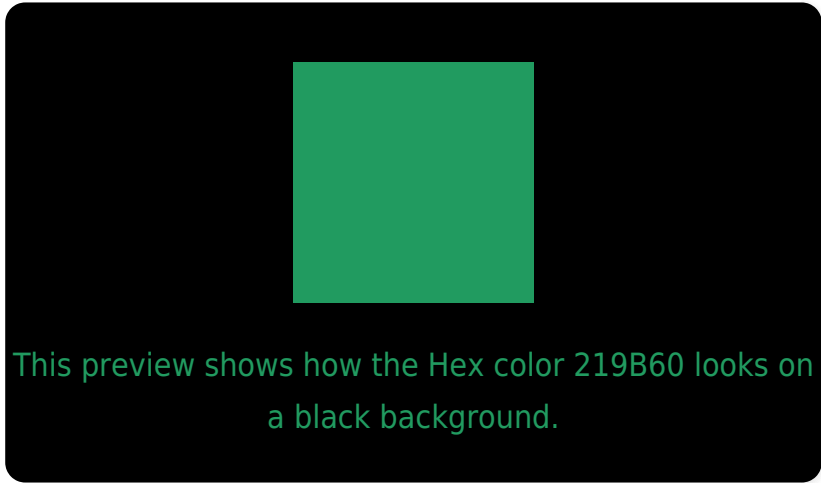
Large Text (above 18pt) WCAG AA ✓ Pass

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

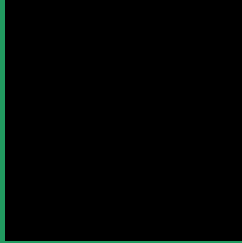
Any Text WCAG AA ✓ Pass

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 219B60 Background



This preview shows how black text looks on a background with the Hex color 219B60.



This preview shows how white text looks on a background with the Hex color 219B60.

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



Original Color
219B60

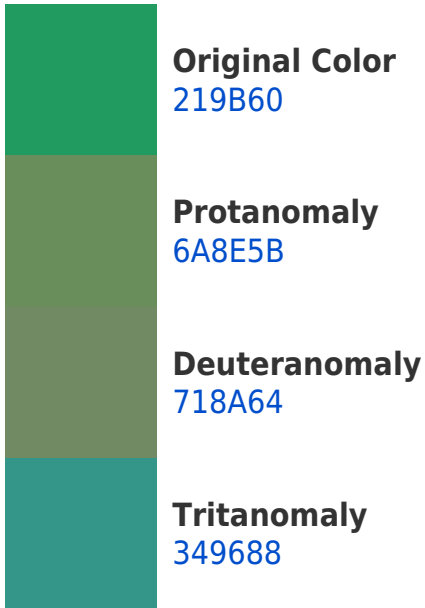
Protanopia
938758

Deuteranopia
9F8166

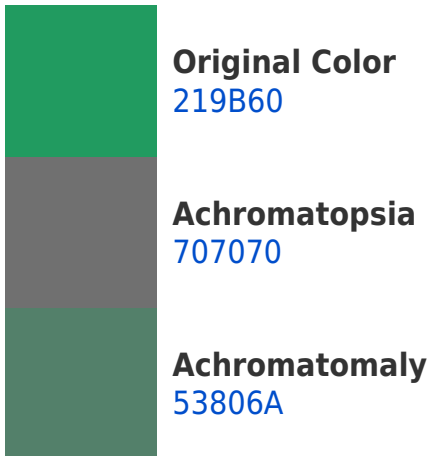


Tritanopia
3F939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 219B60 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 #219B60 looks like.

```
.text, #text, p{  
    color:#219B60  
}
```

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 #219B60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219B60
}
```

Border

The CSS property to change the border of an element to Hex 219B60 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
#219B60 }
```

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

```
.border{ border-color:#219B60 }
```

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

Here you see how a box with a 4 pixel #219B60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219B60; -webkit-box-shadow:4px 4px  
4px 4px #219B60; box-shadow:4px 4px 4px  
4px #219B60 }
```

Background

The CSS property to change the background color of an element to Hex 219B60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219B60 }
```

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

```
.background{ background-color:#219B60 }
```

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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