

Converting Colors

Hex(219C33)

Have a look what the booklet for
Hex(219C33) contains.

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Color

Hex(219C33)

Conversions

Conversions Part 1

Format	Color
Hex	219C33
RGB	33, 156, 51
RGB Percent	13%, 61%, 20%
CMY	0.8706, 0.3882, 0.8000
CMYK	0.79, 0.00, 0.67, 0.39
HSL	129°, 65%, 37%
HSV	129°, 79%, 61%
XYZ	13.1132, 24.3393, 7.1388
YIQ	107.2530, -39.6030, -58.7310

Conversions

Conversions Part 2

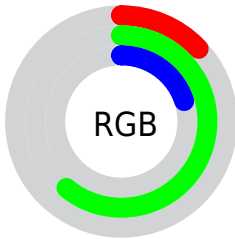
Format	Color
RYB	33, 140, 156
Decimal	2202675
CIELab	56.43, -53.82, 44.23
CIELCh	56, 69.660, 140.589
Yxy	24.3393, 0.2941, 0.5458
Android (android.graphics.Color)	4280392755 (0xFF219C33)
YUV	107.2530, -27.7327, -65.1199
Hunter-Lab	49.3349, -38.8907, 25.9551

Details

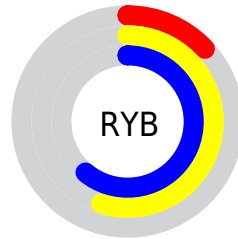
The Hex color **219C33** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C218A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **64D466**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **119C26**, and if you desaturate by 10%, it is **319C40**.

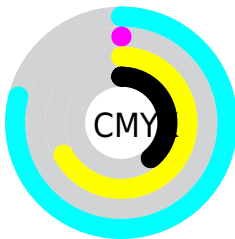
Distribution



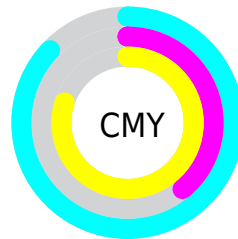
- Red (13%)
- Green (61%)
- Blue (20%)



- Red (13%)
- Yellow (55%)
- Blue (61%)



- Cyan (79%)
- Magenta (0%)
- Yellow (67%)
- Black (39%)



- Cyan (87%)
- Magenta (39%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219C33 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 219C33 by changing the saturation by 10% instead.

 219C33

 219C33

FFFFFF

 008118

 64D466

 006700

 81F081

 004E00

 9EFF9B

 003600

 BBFFB7

 001F00


 D9FFD3


 000000

 F7FFF0

 219C33

 219C33

 119C26

 319C40

 029C18

 409C4E

 009C17

 509C5B

 5F9C68

 6F9C76

 7F9C83

 8E9C90

 9E9C9E

 AD9CAB

Harmonies

Analogous

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



7B9100



219C33



00A172

Triad

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



219C33



0094FF



F14961

Complementary

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



219C33



9C218A

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.



E9479D



219C33



5980FA

Square

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



219C33



009FE4



BC62D5



DC6328

Rectangle

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



219C33



00A39C



BC62D5



F24474

Sweetspot

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



219C33



9BCCA2



8C9C21



48664D



E6E6E6



666666

Same Dimension

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



219C33



0ACC27



219C6F



474F48



008F15



000F02

Inverse Universe

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



9C218A



CC0AB0



9C214E



4F474E



8F007A



0F000D

Previews

White Background



This preview shows how the Hex color 219C33 looks on a white background.

Color Contrast Check

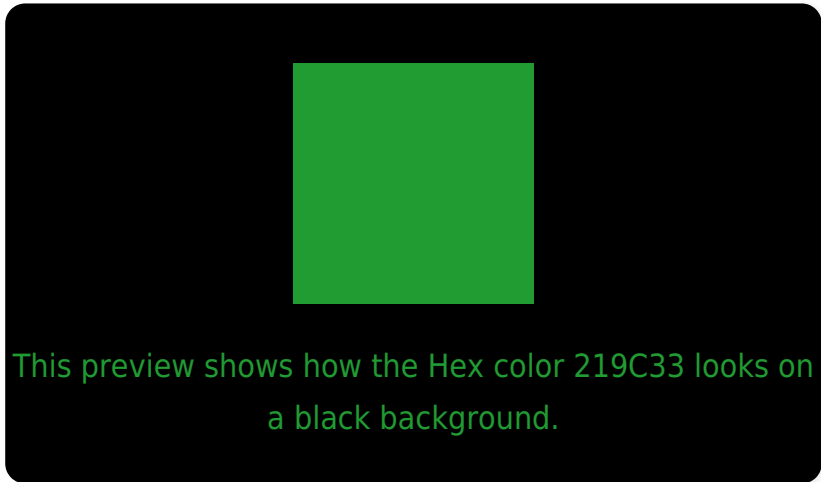
Large Text (above 18pt) WCAG AA ✓ Pass

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 219C33 Background



This preview shows how black text looks on a background with the Hex color 219C33.



This preview shows how white text looks on a background with the Hex color 219C33.

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
219C33

Protanopia
96872D

Deuteranopia
A6803C



Tritanopia
46929E

Trichromacy



Original Color
219C33



Protanomaly
6B8F2F



Deuteranomaly
768A39



Tritanomaly
399677

Monochromacy



Original Color
219C33



Achromatopsia
6B6B6B



Achromatomaly
507D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 219C33 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 #219C33 looks like.

```
.text, #text, p{  
    color:#219C33  
}
```

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 #219C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219C33
}
```

Border

The CSS property to change the border of an element to Hex 219C33 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
#219C33 }
```

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

```
.border{ border-color:#219C33 }
```

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

Here you see how a box with a 4 pixel #219C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219C33; -webkit-box-shadow:4px 4px  
4px 4px #219C33; box-shadow:4px 4px 4px  
4px #219C33 }
```

Background

The CSS property to change the background color of an element to Hex 219C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219C33 }
```

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

```
.background{ background-color:#219C33 }
```

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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