

Converting Colors

Hex(219128)

Have a look what the booklet for
Hex(219128) contains.

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Color

Hex(219128)

Conversions

Conversions Part 1

Format	Color
Hex	219128
RGB	33, 145, 40
RGB Percent	13%, 57%, 16%
CMY	0.8706, 0.4314, 0.8431
CMYK	0.77, 0.00, 0.72, 0.43
HSL	124°, 63%, 35%
HSV	124°, 77%, 57%
XYZ	11.1356, 20.7273, 5.4214
YIQ	99.5420, -33.0470, -56.3990

Conversions

Conversions Part 2

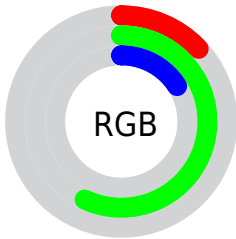
Format	Color
R_{YB}	33, 138, 145
Decimal	2199848
CIE _{Lab}	52.65, -51.24, 44.78
CIE _{LCh}	53, 68.056, 138.849
Yxy	20.7273, 0.2987, 0.5559
Android (android.graphics.Color)	4280389928 (0xFF219128)
YUV	99.5420, -29.3542, -58.3573
Hunter-Lab	45.5273, -36.0131, 24.8089

Details

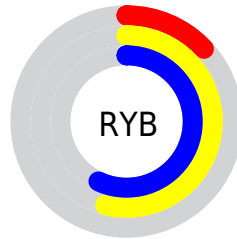
The Hex color **219128** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **91218A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **61C85C**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **13911A**, and if you desaturate by 10%, it is **2F9136**.

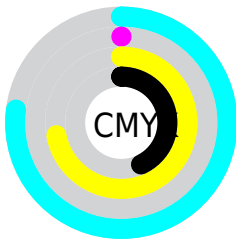
Distribution



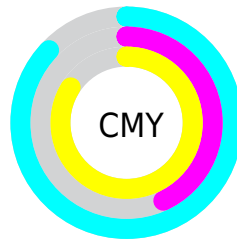
- Red (13%)
- Green (57%)
- Blue (16%)



- Red (13%)
- Yellow (54%)
- Blue (57%)



- Cyan (77%)
- Magenta (0%)
- Yellow (72%)
- Black (43%)




- Cyan (87%)
- Magenta (43%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219128 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 219128 by changing the saturation by 10% instead.

 219128

 219128

FFFFFF

 007709

 61C85C

 005D00

 7EE476

 004400

 9BFF90

 002E00


 B8FFAB

 001100

 D5FFC7

 000000

 F3FFE4

 219128

 219128

 13911A

 2F9136

■ 04910D

■ 3E9143

■ 009109

■ 4D9151

■ 5B915E

■ 6A916C

■ 78917A

■ 879187

■ 959195

■ A491A2

Harmonies

Analogous

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



758600



219128



009665

Triad

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



219128



008BF1



E43F5C

Complementary

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



219128



91218A

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.



DA3F96



219128



4478ED

Square

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



219128



0095D5



AD5BCB



D15924

Rectangle

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



219128



00988E



AD5BCB



E43B6F

Sweetspot

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



219128



91BD94



8B9121



445E46



DEDEDE



5E5E5E

Same Dimension

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



219128



0DBD18



21915F



404741



008708



000800

Inverse Universe

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



91218A



BD0DB2



912153



474047



87007F



080007

Previews

White Background



This preview shows how the Hex color 219128 looks on a white background.

Color Contrast Check

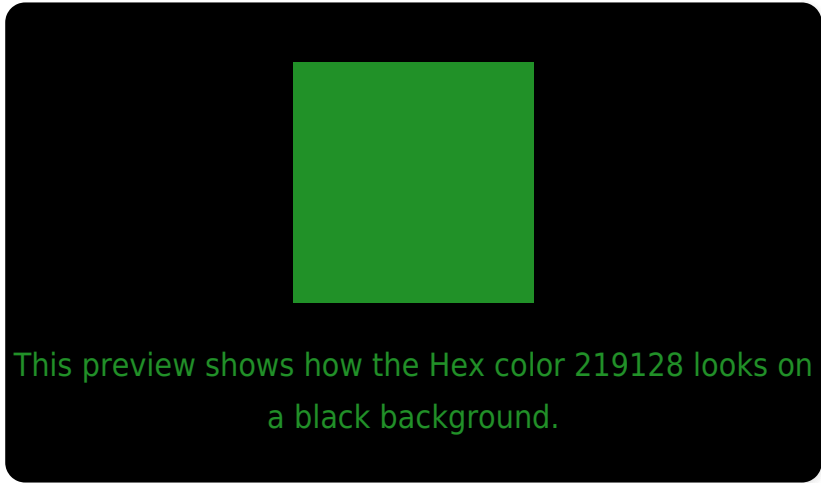
Large Text (above 18pt) WCAG AA ✓ Pass

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 219128 Background



This preview shows how black text looks on a background with the Hex color 219128.



This preview shows how white text looks on a background with the Hex color 219128.

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
219128

Protanopia
8C7D23

Deuteranopia
9B7732



Tritanopia
428792

Trichromacy



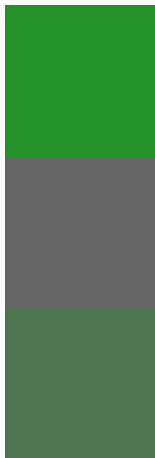
Original Color
219128

Protanomaly
658425

Deuteranomaly
6F802E

Tritanomaly
368B6B

Monochromacy



Original Color
219128

Achromatopsia
646464

Achromatomaly
4C744E

CSS Examples

Text

The CSS property to change the color of the text to Hex 219128 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 #219128 looks like.

```
.text, #text, p{  
    color:#219128  
}
```

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 #219128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219128
}
```

Border

The CSS property to change the border of an element to Hex 219128 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
#219128 }
```

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

```
.border{ border-color:#219128 }
```

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

Here you see how a box with a 4 pixel #219128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219128; -webkit-box-shadow:4px 4px  
4px 4px #219128; box-shadow:4px 4px 4px  
4px #219128 }
```

Background

The CSS property to change the background color of an element to Hex 219128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219128 }
```

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

```
.background{ background-color:#219128 }
```

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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