

Converting Colors

Hex(198829)

Have a look what the booklet for
Hex(198829) contains.

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Color

Hex(198829)

Conversions

Conversions Part 1

Format	Color
Hex	198829
RGB	25, 136, 41
RGB Percent	10%, 53%, 16%
CMY	0.9020, 0.4667, 0.8392
CMYK	0.82, 0.00, 0.70, 0.47
HSL	129°, 69%, 32%
HSV	129°, 82%, 53%
XYZ	9.6053, 17.9751, 5.0611
YIQ	91.9810, -35.6610, -53.0770

Conversions

Conversions Part 2

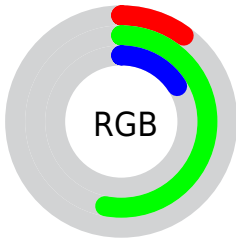
Format	Color
R_{YB}	25, 122, 136
Decimal	1673257
CIE _{Lab}	49.47, -49.29, 40.96
CIE _{LCh}	49, 64.085, 140.269
Yxy	17.9751, 0.2943, 0.5507
Android (android.graphics.Color)	4279863337 (0xFF198829)
YUV	91.9810, -25.1336, -58.7423
Hunter-Lab	42.3970, -33.7546, 22.6002

Details

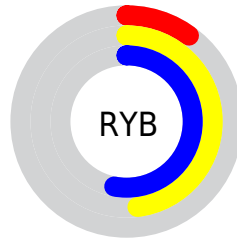
The Hex color **198829** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **881978**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5BBE5B**, and **005500** is the 20% darker color. If you saturate the color by 10%, you get **0B881D**, and if you desaturate by 10%, it is **278835**.

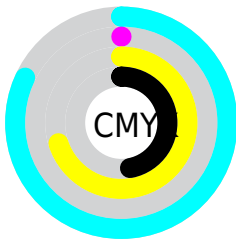
Distribution



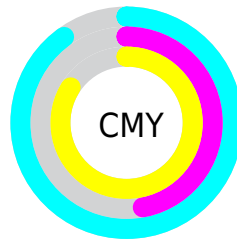
- Red (10%)
- Green (53%)
- Blue (16%)



- Red (10%)
- Yellow (48%)
- Blue (53%)



- Cyan (82%)
- Magenta (0%)
- Yellow (70%)
- Black (47%)



- Cyan (90%)
- Magenta (47%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 198829 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 198829 by changing the saturation by 10% instead.

 198829

 198829

FFFFFF

 006E0D

 5BBE5B

 005500

 77DB75

 003C00

 94F890

 002700

 B1FFAB

 000000

 CEFFC7

 EBF FE3

 198829

 198829

 0B881D

 278835

 008814

 348840

 42884C

 4F8858

 5D8863

 6B886F

 78887A

 868886

 938892

Harmonies

Analogous

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



6B7E00



198829



008D61

Triad

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



198829



0081E1



D43C53

Complementary

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



198829



881978

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.



CD3B8A



198829



496FDD

Square

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



198829



008BC9



A554BC



C25520

Rectangle

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



198829



008E87



A554BC



D53865

Sweetspot

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



198829



86B08C



798819



3F5943



D9D9D9



595959

Same Dimension

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



198829



04B01C



19885F



3E453F



008513



000501

Inverse Universe

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



881978



B00497



881942



453E44



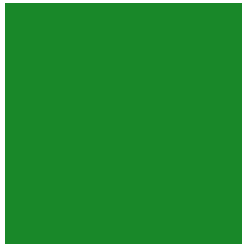
850071



050004

Previews

White Background



This preview shows how the Hex color 198829 looks on a white background.

Color Contrast Check

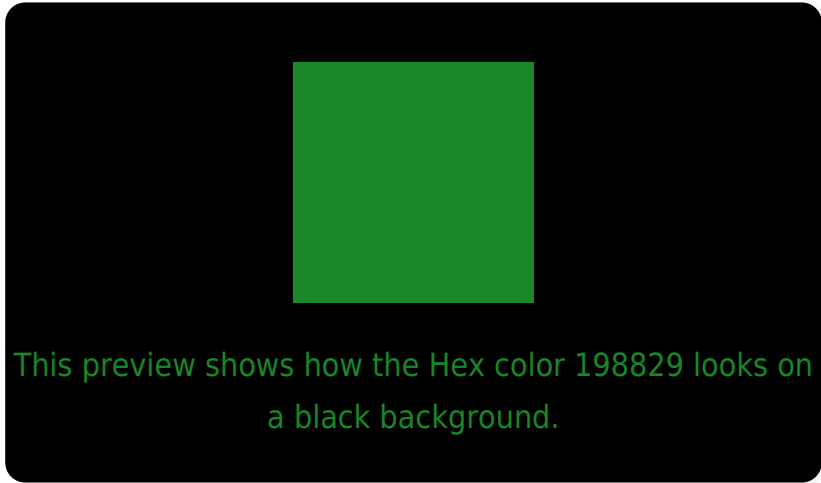
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 198829 Background



This preview shows how black text looks on a background with the Hex color 198829.



This preview shows how white text looks on a background with the Hex color 198829.

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
198829

Protanopia
837524

Deuteranopia
916F32



Tritanopia
3C7F89

Trichromacy



Original Color

198829



Protanomaly

5C7C26



Deuteranomaly

65782F



Tritanomaly

2F8266

Monochromacy



Original Color

198829



Achromatopsia

5C5C5C



Achromatomaly

446C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 198829 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 #198829 looks like.

```
.text, #text, p{  
    color:#198829  
}
```

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 #198829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198829
}
```

Border

The CSS property to change the border of an element to Hex 198829 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".

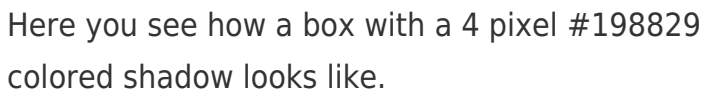
```
.border, #border, table{ border:4px solid
#198829 }
```

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

```
.border{ border-color:#198829 }
```

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

Here you see how a box with a 4 pixel #198829 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198829; -webkit-box-shadow:4px 4px  
4px 4px #198829; box-shadow:4px 4px 4px  
4px #198829 }
```

Background

The CSS property to change the background color of an element to Hex 198829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198829 }
```

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

```
.background{ background-color:#198829 }
```

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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