

# Converting Colors

Hex(198C28)

Have a look what the booklet for  
Hex(198C28) contains.

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**Color**

**Hex(198C28)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	198C28
RGB	25, 140, 40
RGB Percent	10%, 55%, 16%
CMY	0.9020, 0.4510, 0.8431
CMYK	0.82, 0.00, 0.71, 0.45
HSL	128°, 70%, 32%
HSV	128°, 82%, 55%
XYZ	10.1620, 19.1160, 5.1617
YIQ	94.2150, -36.4400, -55.4800

# Conversions

## Conversions Part 2

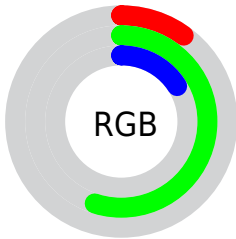
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 127, 140
Decimal	1674280
CIE <sub>Lab</sub>	50.82, -50.72, 42.83
CIE <sub>LCh</sub>	51, 66.382, 139.821
Yxy	19.1160, 0.2951, 0.5551
Android (android.graphics.Color)	4279864360 (0xFF198C28)
YUV	94.2150, -26.7280, -60.7016
Hunter-Lab	43.7219, -35.0257, 23.6058

# Details

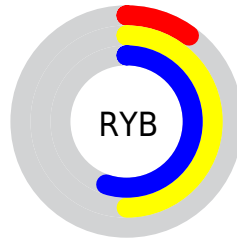
The Hex color **198C28** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C197D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5CC35B**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **0B8C1C**, and if you desaturate by 10%, it is **278C34**.

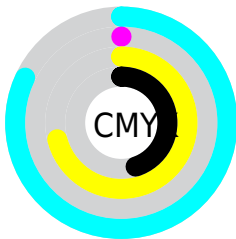
# Distribution



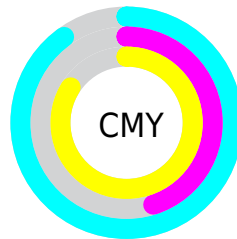
- Red (10%)
- Green (55%)
- Blue (16%)



- Red (10%)
- Yellow (50%)
- Blue (55%)



- Cyan (82%)
- Magenta (0%)
- Yellow (71%)
- Black (45%)



- Cyan (90%)
- Magenta (45%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 198C28 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 198C28 by changing the saturation by 10% instead.



 198C28

 198C28

FFFFFF

 00720B

 5CC35B

 005800

 79DF75

 004000

 95FC8F

 002A00

 B2FFAB

 000600

 D0FFC6

 000000

 EDFFE3

 198C28

 198C28

 0B8C1C

 278C34

■ 008C12

■ 358C40

■ 438C4D

■ 518C59

■ 5F8C65

■ 6D8C71

■ 7B8C7D

■ 898C89

■ 978C96

# Harmonies

## Analogous

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



6E8200



198C28



009163

# Triad

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



198C28



0085E9



DC3C56

# Complementary

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



198C28



8C197D

# 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.



D33C8F



198C28



4772E5

# Square

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



198C28



008FCF



A957C3



C85621

# Rectangle

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



198C28



00928B



A957C3



DC3869



# Sweetspot

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



198C28



88B58E



7F8C19



405C44



DBDBDB



5C5C5C



# Same Dimension

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



198C28



02B519



198C60



3E453F



008511



000501



# Inverse Universe

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



8C197D



B5029E



8C1945



453E44



850073



050004



# Previews

## White Background



This preview shows how the Hex color 198C28 looks on a white background.

## Color Contrast Check

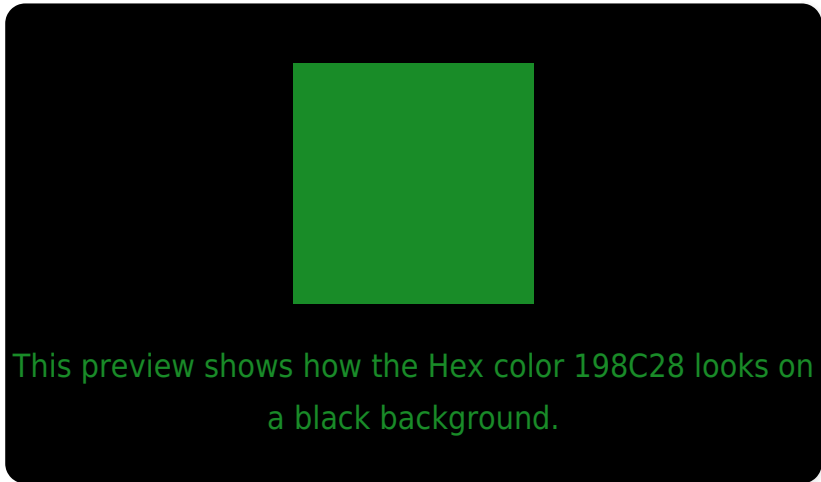
Large Text (above 18pt) WCAG AA ✓ Pass

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

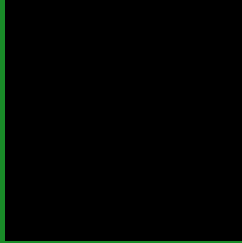
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 198C28 Background



This preview shows how black text looks on a background with the Hex color 198C28.



This preview shows how white text looks on a background with the Hex color 198C28.

# 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**  
198C28

**Protanopia**  
877923

**Deuteranopia**  
957231



**Tritanopia**  
3D838D

# Trichromacy



**Original Color**  
198C28



**Protanomaly**  
5F8025



**Deuteranomaly**  
687B2E



**Tritanomaly**  
308668

# Monochromacy



**Original Color**  
198C28



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
456F4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 198C28 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 #198C28 looks like.

```
.text, #text, p{  
    color:#198C28  
}
```

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 #198C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198C28
}
```

## Border

The CSS property to change the border of an element to Hex 198C28 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
#198C28 }
```

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

```
.border{ border-color:#198C28 }
```

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

Here you see how a box with a 4 pixel #198C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198C28; -webkit-box-shadow:4px 4px  
4px 4px #198C28; box-shadow:4px 4px 4px  
4px #198C28 }
```

# Background

The CSS property to change the background color of an element to Hex 198C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198C28 }
```

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

```
.background{ background-color:#198C28 }
```

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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