

Converting Colors

Hex(198415)

Have a look what the booklet for
Hex(198415) contains.

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Color

Hex(198415)

Conversions

Conversions Part 1

Format	Color
Hex	198415
RGB	25, 132, 21
RGB Percent	10%, 52%, 8%
CMY	0.9020, 0.4824, 0.9176
CMYK	0.81, 0.00, 0.84, 0.48
HSL	118°, 73%, 30%
HSV	118°, 84%, 52%
XYZ	8.7875, 16.7633, 3.4820
YIQ	87.3530, -28.1410, -57.2050

Conversions

Conversions Part 2

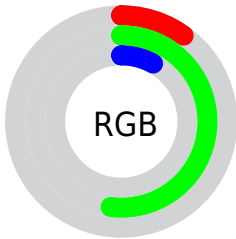
Format	Color
R_{YB}	21, 132, 128
Decimal	1672213
CIE _{Lab}	47.96, -49.60, 46.79
CIE _{LCh}	48, 68.192, 136.669
Yxy	16.7633, 0.3027, 0.5774
Android (android.graphics.Color)	4279862293 (0xFF198415)
YUV	87.3530, -32.7120, -54.6836
Hunter-Lab	40.9431, -33.3393, 23.6179

Details

The Hex color **198415** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **801584**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5BBA4B**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **0C8408**, and if you desaturate by 10%, it is **268422**.

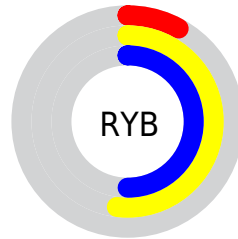
Distribution



 Red (10%)


 Green (52%)

 Blue (8%)




 Red (8%)

 Yellow (52%)

 Blue (50%)

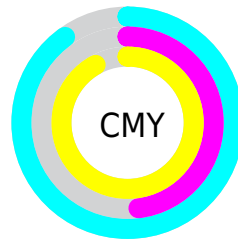



 Cyan (81%)


 Magenta (0%)

 Yellow (84%)

 Black (48%)



 Cyan (90%)

 Magenta (48%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 198415 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 198415 by changing the saturation by 10% instead.



198415



198415

FFFFFF



006A00



5BBA4B



005100



77D665



003900



94F380



002300



B1FF9B



000000



CEFFB6



EBFFD2



FFFFEF



198415



198415

■ 0C8408

■ 268422

■ 058400

■ 32842F

■ 3F843D

■ 4C844A

■ 598457

■ 658464

■ 728471

■ 7F847F

■ 8C848C

Harmonies

Analogous

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



6C7900



198415



008955

Triad

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



198415



0080E3



D52D55

Complementary

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



198415



801584

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.



CA318E



198415



186EE1

Square

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



198415



0089C5



9B51C2



C44A1D

Rectangle

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



198415



008B7E



9B51C2



D52968

Sweetspot

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



198415



82AB80



847E15



3E573D



D6D6D6



575757

Same Dimension

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



198415



06AB00



158447



3C423C



058200



000300

Inverse Universe

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



801584



A500AB



841552



423C42



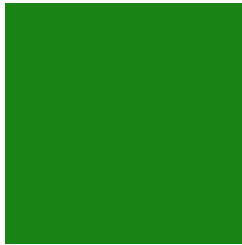
7D0082



020003

Previews

White Background



This preview shows how the Hex color 198415 looks on a white background.

Color Contrast Check

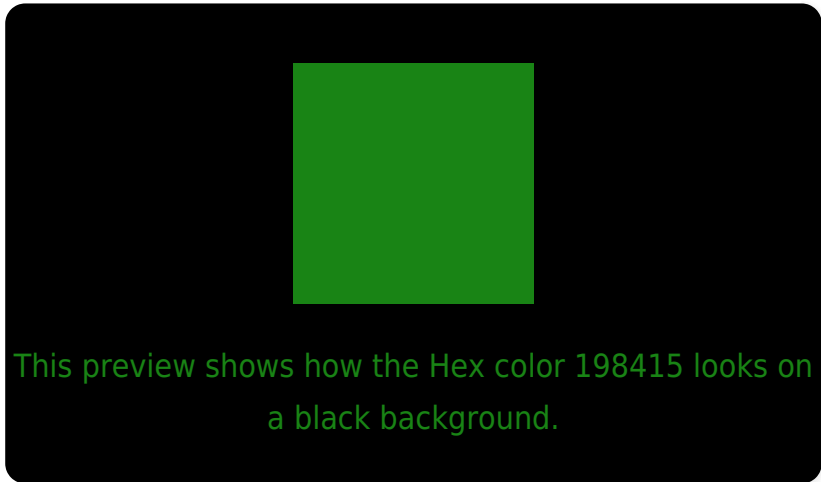
Large Text (above 18pt) WCAG AA ✓ Pass

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

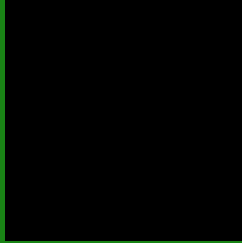
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 198415 Background



This preview shows how black text looks on a background with the Hex color 198415.



This preview shows how white text looks on a background with the Hex color 198415.

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
198415

Protanopia
807110

Deuteranopia
8E6B23



Tritanopia
3B7B85

Trichromacy



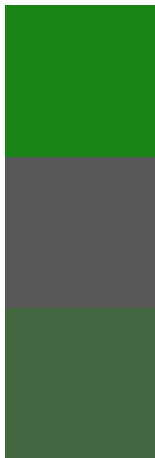
Original Color
198415

Protanomaly
5B7812

Deuteranomaly
63741E

Tritanomaly
2F7E5C

Monochromacy



Original Color
198415

Achromatopsia
575757

Achromatomaly
40673F

CSS Examples

Text

The CSS property to change the color of the text to Hex 198415 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 #198415 looks like.

```
.text, #text, p{  
    color:#198415  
}
```

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 #198415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198415
}
```

Border

The CSS property to change the border of an element to Hex 198415 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
#198415 }
```

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

```
.border{ border-color:#198415 }
```

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

Here you see how a box with a 4 pixel #198415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198415; -webkit-box-shadow:4px 4px  
4px 4px #198415; box-shadow:4px 4px 4px  
4px #198415 }
```

Background

The CSS property to change the background color of an element to Hex 198415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198415 }
```

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

```
.background{ background-color:#198415 }
```

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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